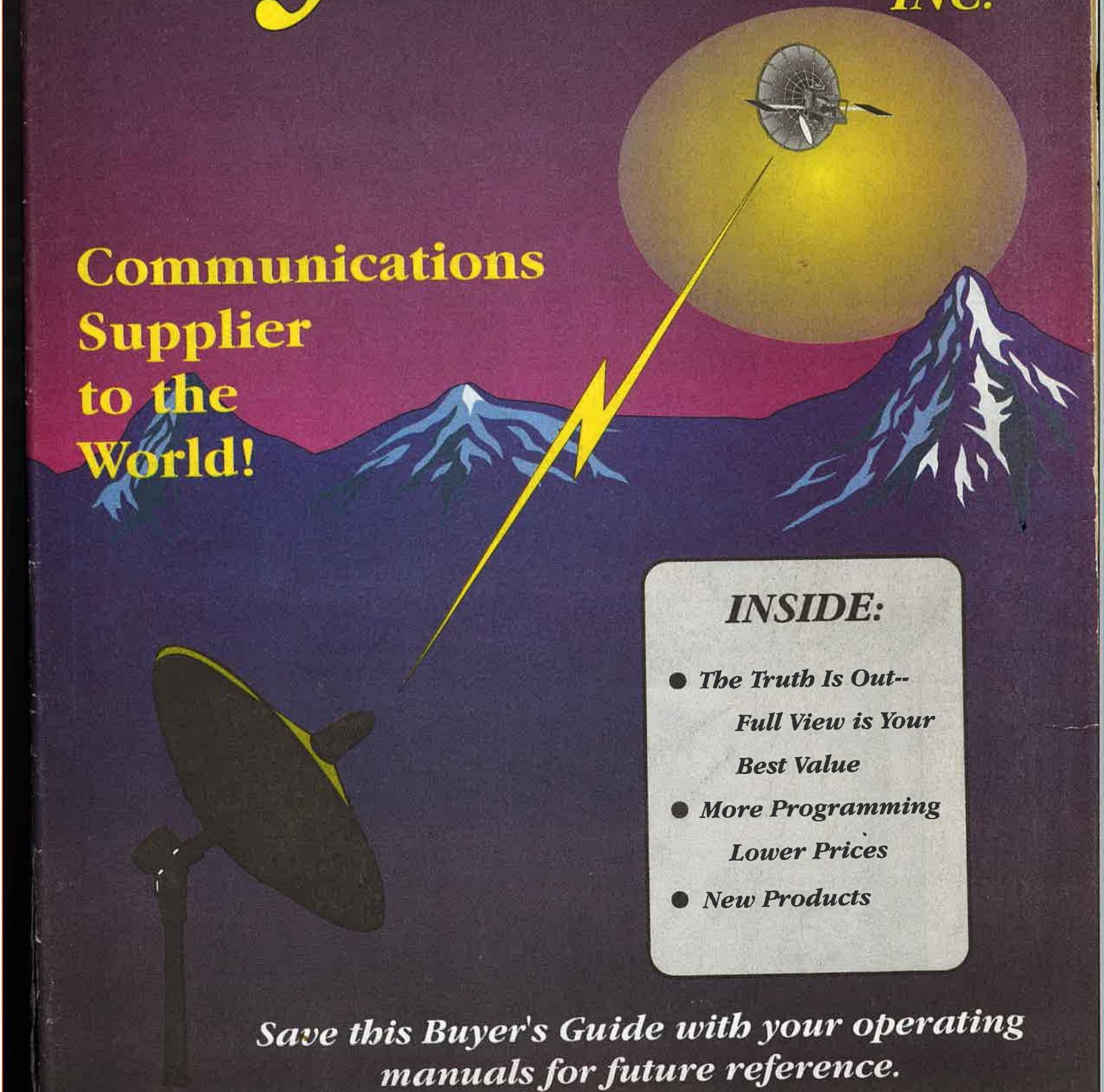
Skyvision®
INC.



Communications Supplier to the World!

INSIDE:

- *The Truth Is Out-- Full View is Your Best Value*
- *More Programming Lower Prices*
- *New Products*

Save this Buyer's Guide with your operating manuals for future reference.

Meet Your Skyvision® Team...over 100 employees, waiting to assist you.

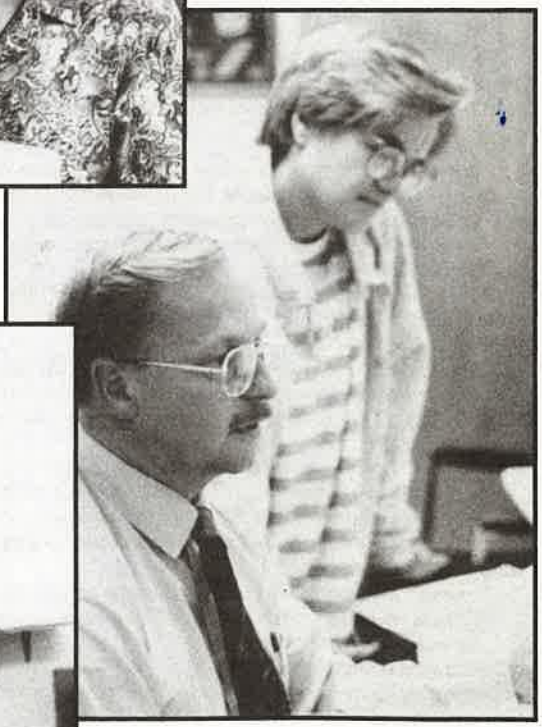
Cindy

Dallas & Neal

Sylvia

Steve

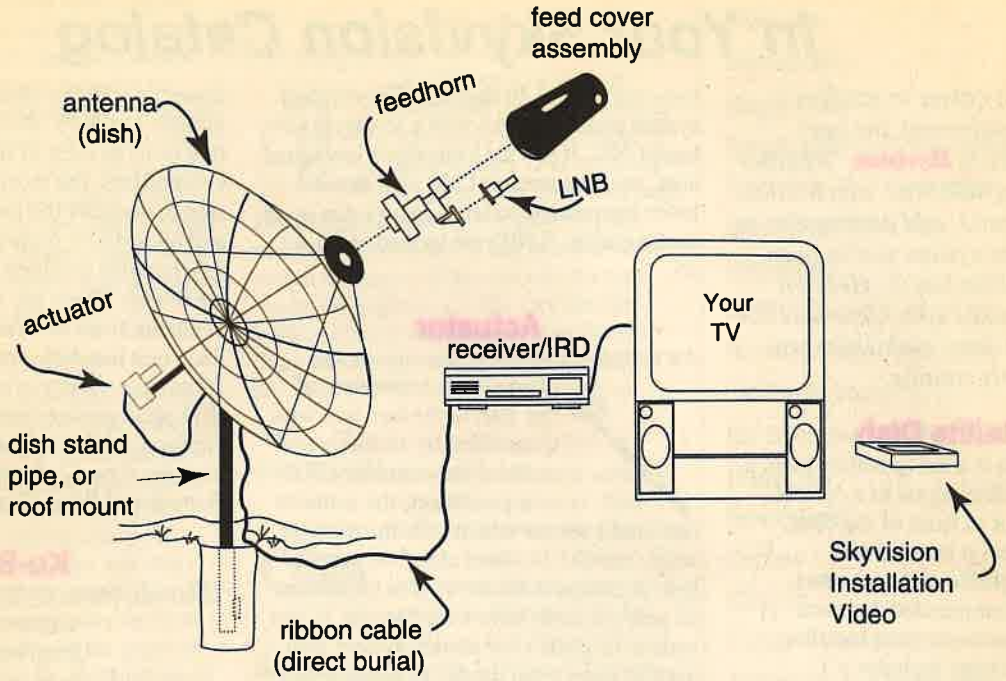
Sam



Del & Cherie

NEED IT FAST? ASK FOR 2ND DAY AIR.

Introduction to Full View Satellite Television



Receiver/IRD Feature Glossary

RECEIVER/IRD Glossary

Check the feature boxes listed on the following pages and choose the receiver that best suits your personal needs. These definitions are listed to clarify specific features and what they will provide for you.
NOTE: Each IRD is different and will offer a slightly different combination of features.

Remote Controls
Transmit infrared (line of sight) and UHF (through the wall) signals. Many infared controls may be trained to work with other components and are usually slightly lower in cost. UHF remotes will provide control of your satellite system from any room in your home.

Automatic Channel Tuning
Fine-tune the dish position, feedhorn polarity and video frequency with the touch of the button.

Picture-In Picture (PIP)
Enjoy two video sources at the same time. While watching one channel you can keep tabs on another on the small inset picture and swap one for the other at any time with a touch of a button.

Audio/Video Switcher
A 4-way Video/Audio Switcher allows you to select up to three external sources such as a VCR, local TV tuner, or security camera and take advantage of the P-I-P and Surround Sound features with these signals. A 2-way Switcher will add one external source.

Dolby® Surround Sound
Theater sound is encoded in many movies on satellite and video cassette to put you right in the action. Surround yourself in sound and add to your enjoyment.

VCRS Decoder Module
Allows you access to scrambled signals and pay-per-view programming with monthly or annual subscriptions.

MTS Stereo Encoder
Enjoy stereo TV sound at any location in your home. Send stereo satellite TV or video cassette programs to any MTS equipped TV over a single coaxial cable.

Auxillary Record Output
Your VCR connects to the Auxiliary Record Output, independent of any volume changes or on-screen menus.

Analog and Digital Stereo Audio
Analog stereo allows you to receive discrete audio programs. Subscription channels feature digital audio. By connecting the IRD to your stereo system, you'll enjoy the best television sound available.

Favorite Channel Memory
Favorite satellite TV or radio stations can be stored in memory for instant recall.

T.I. & Bandwidth Filters
These filters deliver the best possible picture on every channel, even if your system is affected by terrestrial interference (TI), or if certain channels require custom bandwidths.

Programmable Timer
Select the satellite and channel for programs you wish to record on your VCR, even when you're not at home.

Parental Lockout
There are two ways to restrict program viewing. Use the system password and lock out selected channels, or with a VCRS descrambler password you can set a program rating ceiling for subscription channels.

Automatic Satellite Tracking
Tracking the dish is easy. After finding the first two satellites, the rest are located automatically by the receiver.

On-Screen Menus
The on-screen menus communicate every operation to you and are easy to use.

BEGIN HERE

The Choice Is Yours – Find It Fast In Your Skyvision Catalog

When it comes to satellite entertainment, the best choice is Skyvision. Whether you need to upgrade your electronics, replace worn parts, add accessories or get the complete system you've been wanting, Skyvision has it. Here's a look at what makes up a home satellite system, what it does, and where you can find it in this catalog.

Satellite Dish

The satellite dish is used to concentrate a satellite signal to a central point in front of the dish, where it is collected, amplified and converted. Recommended dish size depends on your location.

Our standard package includes a 7' Orbitron mesh dish, but a variety of sizes are available. *See pages 28-31.* A polar mount is included with the dish; however, a horizon-to-horizon mount can be substituted for an additional charge.

Feedhorn

The feedhorn collects the reflected signal from the dish and sends it to the low noise block down-converter (LNB). The type you need is determined by the types of satellites you want to watch: C-Band, Ku-Band or both. A high quality C-band feedhorn is standard with each system package. For Ku-band reception, a dual band feedhorn is needed. This can be purchased as a separate component or as part of the Ku-band upgrade. *See page 27.*

LNB

The LNB (Low Noise Block Down-converter) is a low noise amplifier and a downconverter combined in one unit. The LNB receives the signal from the feedhorn and both amplifies the block of frequencies and down-converts them to a lower level so they can be accepted by the receiver. For a good quality picture, the noise temperature rating should be between 25 and 40 degrees. The standard system package comes with a 35 degree C-band LNB. If you are located in a low signal area, you may need an LNB with an even lower temperature to bring your picture up to studio quality. LNB's are located on *page 26.*

Actuator

An actuator attaches to the mount and controls the movement of the dish to the east and west. Controlled by an integrated receiver descrambler (IRD) or a positioner, the actuator contains a sensor which tells the receiver where the dish is aimed along the satellite belt. Although there are 4 types of sensors, all new actuators have a reed sensor. If you want to upgrade your current system, you need to know what model of actuator and sensor your system has. Contact your Skyvision representative for more information on actuators and sensor upgrade kits or *see page 36.*

C-Band

With 20+ satellites broadcasting to North America, C-band is the standard for Satellite and Cable TV. C-band is the method used by cable TV, sports channels, movie channels and the super stations. Every IRD receiver and system package in this guide includes C-Band capability. *See pages 8-24.*

Cable

The cable you choose for your system can be a determining factor when it comes to picture quality. Specially-designed cables help prevent signal degradation. A high quality Skyvision ribbon cable is the best choice for almost any installation and is available in both package and custom lengths. *See page 34.*

IRD/Receiver

An IRD (Integrated Receiver Descrambler) is a single unit containing a receiver, a dish positioner and, if you choose, a descrambling module (VCRS). Performing the same functions as each of the separate components, the receiver tunes in the signal, controls the location of the dish, and once given proper authoriza-tion, descrambles channels unavailable any other way. There are numerous choi-ces available from several manufacturers. Each unit has different features that will appeal to a variety of viewers. Complete IRD packages are listed on *pages 8 - 21*; but for a quick comparison of features, turn to *pages 6 and 7* for the IRD/Receiver Feature and Price Comparison Charts.

Ku-Band

There are currently 21 Ku-band satellites with many non-scrambled programs available. A Ku-band upgrade will allow you to discover more in sports, news, educational and independent superstation programs. Ku-band will not replace C-band, but complement it. For upgrade information *see pages 8 - 25*, or you'll find complete Ku-Band systems on *page 25.*

Tools

If you are a "do-it-yourselfer", you probably already have all the necessary common hand tools (wrenches, screwdrivers etc.), but specialized tools for satellite installation and troubleshooting will help save you time and money. *See pages 37-40.*

Installation Help

The Skyvision Installation Video is included in every IRD system package. This video shows the step-by-step installation of a C-band satellite system. These detailed instructions will lead you from the beginning, starting with setting the pole and dish, to tuning the receiver and, finally, alignment procedures to insure the best audio and video performance of your new system. Skyvision is dedicated to your enjoyment of the full benefits of satellite TV. To order the Skyvision Installation Video separately, *see page 61.*

Tuning

Tuning your dish to receive the highest quality picture possible can be done best with a signal strength meter. They are extremely useful in conditions where dish size or location hinders clear reception or where wind, snow, or other conditions require frequent peaking of the system. When installing or aligning your dish, they prove to be an immensely valuable asset. Skyvision offers several models of signal strength meters that are sure to fit your needs. *See page 39.*

Programming

There are hundreds of channels that you can watch for free on satellite TV, but additional programming is also available by subscription. These include movie channels, superstations, sports networks and other special and general interest networks. To compare the many options available, look for the programming menu in the pages of this catalog. For a daily, in-depth listing of programming, a subscription to a programming guide is imperative. See *page 64.*

More TVs?

If you plan to connect more than one television to your satellite system, a distribution system is a must. This includes an amplifier and your choice of a 2-, 3-, or 4-way splitter. Wireless systems are available where cable installation is undesirable. See *pages 35, pages 50-52.*

Surge Protection

No matter where you live, power surges and lightning can damage your system. Surge protection is a sure way to alleviate this worry and to protect equipment from damage during high voltage surges or even "brown-outs." *See page 41* for a complete listing of surge protection equipment.

Accessories

Customize your satellite system to make an exciting home entertainment center. One of the most popular additions is an SCPC receiver to tune in "hidden" radio signals. *See page 25.* Switches, splitters, audio/video cables and other miscellaneous components will add to your satellite enjoyment. You will find these products on *pages 34 and 35.*

Books

For many people, satellite TV is a hobby in addition to a way of receiving improved quality television entertainment in their homes. For anybody looking for a more thorough knowledge of satellite TV systems, Skyvision offers a wide variety of books from which to choose. From the introductory books for beginners to the very detailed books aimed at technicians, there is something for everyone interested in satellite TV. *See pages 60-61* for a complete listing.

Technical Support

With your purchase, you will have access to something you won't find anywhere else— the Skyvision Technical Hotline. Our experienced technicians are available Monday - Friday, 7:00 am to 9:00 pm CT and Saturdays, 8:30 am to 5:00 pm CT to answer any questions you may have about your system. Call 218-739-5232.

Competitive Pricing Best Service

Looking for the best deal? If a 100% Satisfaction Guarantee, a technical hot-line, friendly knowledgeable service, and competitive prices are important to you, look no further than ***Skyvision***. Whether you are buying a complete system, upgrade packages, or single components, you will always find the best value at ***Skyvision***. We are proud to be a top-customer, service-oriented business. We are confident that the extras which distinguish our company from the rest will always bring you back to us.

Satisfaction Guaranteed

Skyvision guarantees your 100% satisfaction on every purchase—the most important part of any purchase. If for any reason you are not completely happy, return the product for your refund or replacement within 30 days. Our Customer Service Representatives will be happy to help you with any questions. The highest level of service, affordable prices and superior quality merchandise—all in one package- can only be found at ***Skyvision***.

Fast Track

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Please Note

Pricing & availability are subject to change without notice.

IRD/Rec'r Packages

WHAT'S THE RIGHT RECEIVER/IRD FOR YOU?

Use this chart to find which basic features are best suited for you. All Receiver/IRDs have many more features than shown on this chart. Refer to individual Receiver/IRD pages (8 through 21) for a more specific listing.

Our Product Representatives are product knowledgeable and are standing by to assist you in choosing the best value for your individual needs. Feel free to call them on any questions that you may have.

Receiver/IRD
Integrated Receiver, Dish Positioner and Descrambler.

BASIC IRD FEATURE AND PRICE COMPARISON CHART

	Catalog Page No.	On Screen Graphics	Dual LNB Inputs **	Parental Lockout	Mover Control	Favorite Channel Programming	VCR Timer	Full Stereo	New MTS Stereo	Picture-in Picture	Remote Control U= UHF I= Infrared	Front Panel Display	IRD Price Comparison
UNIDEN ULTRA	8	✓		✓	✓	✓					I	✓	
ECHOSTAR 400	20	✓		✓	✓						I		
STAR TRAK 400	10	✓			✓	✓					I		
SSC PRISM	*	✓	✓	✓	✓	✓					I	✓	
DRAKE ESR 1624-i	16	✓		✓	✓	✓					I		
UNIDEN UST 4600	8	✓	✓	✓	✓	✓	✓	✓			I/U	✓	
STAR TRAK 600	10	✓		✓	✓	✓		✓			I/U		
DRAKE ESR 1624-u	*	✓		✓	✓	✓					U		
ECHOSTAR ESR 500	20	✓		✓	✓	✓					I	✓	
TOSHIBA TRX 1520	12	✓		✓	✓	✓					U	✓	
CHAPARRAL CR10	*	✓		✓	✓	✓					U		
DX DSZ-100	14	✓		✓	✓	✓		✓			U	✓	
STAR TRAK 800	10	✓	✓	✓	✓	✓	✓	✓			I/U	✓	
HTS PREMIER 50	*	✓	✓	✓	✓	✓					U		
UNIDEN UST 4900	8	✓	✓	✓	✓	✓	✓	✓		✓	I/U	✓	
DRAKE ESR 1724	16	✓	✓	✓	✓	✓	✓				U	✓	
ECHOSTAR 600	20	✓	✓	✓	✓	✓		✓			U	✓	
DX DSZ-200	14	✓	✓	✓	✓	✓	✓	✓			U	✓	
HTS PREMIER 70	*	✓	✓	✓	✓	✓	✓	✓			U	✓	
MONTEREY 35	18	✓	✓	✓	✓	✓	✓	✓			I/U		
TOSHIBA TRX 1820	12	✓	✓	✓	✓	✓		✓			U	✓	
SSC INFINITY II with SuperGuide	*	✓	✓	✓	✓	✓	✓				I/U		
TOSHIBA TRX 2220	12	✓	✓	✓	✓	✓	✓	✓			I/U	✓	
DRAKE ESR 1824	16	✓	✓	✓	✓	✓	✓	✓			U	✓	
MONTEREY 55	18	✓	✓	✓	✓	✓	✓	✓	✓		I/U	✓	
MONTEREY 95	18	✓	✓	✓	✓	✓	✓	✓	✓	✓	I/U	✓	

Lower $ ↑ Higher $

** Ku Band requires a Ku Band or C/Ku feedhorn and Ku Band LNB. Refer to Ku option on IRD pages. * IRD is available - Not featured in catalog
(For feeds only see page 27) (For LNB only see page 26).

For price listing on complete System Packages and Receiver/IRD packages, see respective Receiver/IRD pages 8-21 or refer to Directory on page 7.

IRD/Rec'r Packages
See Respective Pages

FREE Skyvisions Exclusive Installation Video & Computerized Aiming Data Sheet with All Complete Systems

Ship & Handling $22

RECEIVER/IRD PACKAGES - Includes: IRD Receiver with Remote and Manual

COMPLETE SYSTEM PACKAGE - Includes: IRD receiver, VCRS module, 35° LNB, 18" Superjack II Mover, Chaparral feedhorn, Orbitron model SX-7 seven foot black mesh dish, The Skyvision exclusive video installation tape, and computerized aiming data sheet for your location.
(Order cable to required length on page 34 and ground pole on page 33.)

S&H $85

IRD RECEIVERS (Integrated Receiver Decoder)
Refer to specific page for full description and features.

Complete Descriptions and Features on Page	System Package Order No.	Receiver Package Order No.	Brand/Model	All IRD System Packages include a VCRS Decoder Module	All IRD's may be purchased with a VCRS Decoder Module, Please call for current pricing of VCRS module.
8	8527011	4527008	**Uniden UST ULTRA**	$1,249	$379
8	8527009	4527009	**Uniden UST 4600**	1,399	499
8	8527010	4527010	**Uniden UST 4900**	1,579	689
*	8527001	4527001	**Uniden UST 4200** (Limited Supply)	†1,069	289
*	8527004	4527004	**Uniden UST 4400 Super** (Limited Supply)	1,339	439
*	8527005	4527005	**Uniden UST 4500** (Limited Supply)	1,489	589
10	8523004	4523004	**Star Trak 400**	1,349	449
10	8523005	4523005	**Star Trak 600**	1,419	519
10	8523006	4523006	**Star Trak 800**	1,519	659
12	8526005	4526005	**Toshiba TRX 1520**	1,499	599
12	8526003	4526003	**Toshiba TRX 1820**	1,739	849
12	8526004	4526004	**Toshiba TRX 2220**	1,799	929
14	8505001	4505001	**DX DSZ-100**	1,529	659
14	8505002	4505002	**DX DSZ-200**	1,689	799
16	8504006	4504006	**Drake ESR 1624l Infra Red Remote**	1,399	499
*	8504007	4504007	**Drake ESR 1624u UHF Remote**	1,459	559
16	8504005	4504005	**Drake ESR 1724**	1,599	699
16	8504004	4504004	**Drake ESR 1824**	1,799	939
18	8503001	4503001	**Monterey 35**	1,739	849
18	8503002	4503002	**Monterey 55**	1,889	999
18	8503003	4503003	**Monterey 95**	2,189	1299
42	8503004	4503004	**Monterey 100C**	1,879	1,129
20	8506006	4506006	**EchoStar 400**	1,299	439
20	8506007	4506007	**EchoStar 500**	1,459	569
20	8506005	4506005	**EchoStar 600**	1,629	739
*	8510009	4510009	**HTS Premier 50**	1,549	689
*	8510007	4510007	**HTS Premier 70**	1,699	839
*	8503005	4503005	**Chaparral CR10**	1,499	639
*	8524003	4524003	**SSC Prism**	1,359	459
*	8524002	4524002	**SSC Infinity II** SuperGuide ($59 annual subscription required)	1,729	889

RECEIVERS (Units Without VCRS Decoder)

24	7015001	**PanSat BR-1100** S&H $16		$219
24	7015004	**PanSat BR-3500** S&H $16		289

RECEIVERS Commercial

43	2504001	**Drake 1240A** S&H $22		$349
43	2504002	**Drake 1240D** S&H $22 (Includes commercial decoder)		1,329

**Not shown in catalog*
† *Price shown does not include 18" actuator*

NOTE: To receive authorization for scrambled programming, see programming insert provided with this catalog.

SYSTEMS/IRD
INTEGRATED
RECEIVER/DESCRAMBLER

uniden®
Satellite Television

Putting You Face to Face with a World of Entertainment

The scope of television programming has expanded a lot over the last few years. Now, almost limitless program choices are available 24 hours a day. Game shows. Graduate courses. Childrens' cartoons. Late news. New movies. Old movies. Investment advice. Farm shows. Sporting events from Super Bowls to soccer tours. All these choices encourage you to expect more, not only from the programs you watch, but from the products that make watching possible. With a satellite dish and a Uniden IRD, you can access more than 300 channels on more than 25 satellites from the comfort of your favorite chair. Uniden uses advanced microprocessor technology to give you a signal so clear and vivid, it's like inviting your favorite performers right into your living room. Ranging from practical, economical receivers to models that include the most sophisticated features, the Uniden line offers unbeatable quality and reliability. The choice of more and more Americans who want the best in satellite television, Uniden appreciates the fact that you expect more. High expectations have already taken Uniden into thousands of homes across America. Why not make yours the next home? The choice is Uniden.

Ultra

The Ultra is Uniden's newest, smallest fully-integrated C/Ku receiver ever. This unit includes the ability to control dish movement and is ready for an optional internal program decoder.The Ultra comes preprogrammed for 49 satellite positions and allows you to add satellites as they are launched. Move directly to the satellite by entering the abbreviation from the included infrared remote control. Forty programmable favorite channels can be accessed immediately from your easy chair. Run across something you don't want your kids to see? Just touch a button and eliminate that channel from their access. A complete variety of color menus allow you to control everything from your remote control. The Uniden Ultra is an ideal receiver to get you started in Direct-To-Home Satellite TV.

UST 4600

The UST 4600 sets a standard in value and performance for home satellite receivers. This unit features automatic satellite programming, 160 favorite channels, stereo sound, VCR timer and QuikTune. With the Auto Program, you simply program the first two satellites and Auto Program finishes the rest. Up to 160 favorite channels can be instantly recalled for easy access. All 160 can be changed or updated at any time. This IRD features a stereo processor, enabling you to tune both left and right channels for a full stereo effect from over 100 radio stations found in satellite. The QuikTune feature quickly optimizes the satellite picture for the sharpest image. The 4600 offers other features including IR/UHF remote, 55 satellite position memory and direct satellite access. The versatility and ease of programming make this an excellent choice for a quality, mid-priced IRD.

UST 4900

The Uniden UST 4900 is one of the most sophisticated satellite television receiver systems available today. This receiver will open your home to the universe of satellite viewing and is designed to be one of the most user-friendly IRDs available anywhere. Sophisticated microcomputer technology brings in crystal clear audio and video broadcasts with a minimum of user effort. The UST 4900 front display features easy-to-read icons that show you vital information including satellite, channel, polarity, timer status, antenna position and much more. This complete satellite reception system is capable of storing the positions of the satellites as well as the tuning details for each channel. You can also store the satellite and channel number for up to 160 of your favorite channels. The picture-in-picture feature allows you to view two video sources at the same time. Watch your favorite satellite channel while keeping an eye on the game of your choice and with the touch of a button, switch between the two sources. The digital video channel scan feature allows you a quick view of all the channels on the current satellite. Either four or nine channels can be displayed using this feature. Digital freeze frame will allow you to freeze the current video screen for three seconds and to review what was frozen. With features like this, the Uniden UST 4900 will make anyone's list of top of the line IRDs. You can have it all, including advanced technology and lasting quality, with the UST 4900.

Introducing the Latest Satellite Technology from Uniden!

MODEL FEATURES	ULTRA	4600	4900
Favorite video channel memory	40	160	160
Satellite position memory	49	55	55
C/Ku capabilities	√	√	√
Color On-Screen Display	√	√	√
Direct Satellite Access	√	√	√
Parental lock	√	√	√
Remote control	IR	IR/UHF	IR/UHF
Automatic Satellite Programming		√	√
Stereo processor		√	√
VCR Timer		√	√
QuickTune™		√	√
Favorite audio channel memory			60
Picture in picture			√
Digital video channel			√
Digital freeze frame with review			√
One-button auxiliary switching			√

ULTRA

System Package

INCLUDES: **IRD Receiver with VCRS module,** *plus* SX-7 Orbitron mesh dish, 35° LNB, Polarotor feedhorn, 18" Superjack II mover, and *Exclusive* Do It Yourself Installation Video.

Order #8527011 (S&H $85) $1249
Available without VCRS decoder Call

IRD Receiver alone (without VCRS)
Order #4527008 (S&H $22) $379

System Upgrades

Description	Item Number	S&H	Add
Lower Temp LNB 25°	5000036	0	$20
Lower Temp LNB 20°	5002001	0	54
SuperJack XL 24" Heavy Duty Actuator	1019025	0	50
System Dish Options			
Orbitron SX-6 6'	1514000	subtract 7	subtract 30
Orbitron SX-8.5 8.5'	1514002	add 9	add 60
Orbitron SX-10 10'	1514004	14	190

Ku-Band Upgrade Package
Corotor II C/Ku-band feed, 0.9 Ku LNB, and C/Ku Switch
9500019 With above system $209
9500020 With above IRD $269

UST 4600

System Package

INCLUDES: **IRD Receiver with VCRS module,** *plus* SX-7 Orbitron mesh dish, 35° LNB, Polarotor feedhorn, 18" Superjack II mover, and *Exclusive* Do It Yourself Installation Video.

Order #8527009 (S&H $85) $1399
Available without VCRS decoder Call

IRD Receiver alone (without VCRS)
Order #4527009 (S&H $22) $499

System Upgrades

Description	Item Number	S&H	Add
Lower Temp LNB 25°	5000036	0	$20
Lower Temp LNB 20°	5002001	0	54
SuperJack XL 24" Heavy Duty Actuator	1019025	0	50
System Dish Options			
Orbitron SX-6 6'	1514000	subtract 7	subtract 30
Orbitron SX-8.5 8.5'	1514002	add 9	add 60
Orbitron SX-10 10'	1514004	14	190

Ku-Band Upgrade Package
Corotor II C/Ku-band feed, and 0.9 Ku LNB
9500015 With above system $163
9500016 With above IRD $223

UST 4900

System Package

INCLUDES: **IRD Receiver with VCRS module,** *plus* SX-7 Orbitron mesh dish, 35° LNB, Polarotor feedhorn, 18" Superjack II mover, and *Exclusive* Do It Yourself Installation Video.

Order #8527010 (S&H $85) $1579
Available without VCRS decoder Call

IRD Receiver alone (without VCRS)
Order #4527010 (S&H $22) $689

System Upgrades

Description	Item Number	S&H	Add
Lower Temp LNB 25°	5000036	0	$20
Lower Temp LNB 20°	5002001	0	54
SuperJack XL 24" Heavy Duty Actuator	1019025	0	50
System Dish Options			
Orbitron SX-6 6'	1514000	subtract 7	subtract 30
Orbitron SX-8.5 8.5'	1514002	add 9	add 60
Orbitron SX-10 10'	1514004	14	190

Ku-Band Upgrade Package
Corotor II C/Ku-band feed, and 0.9 Ku LNB
9500015 With above system $163
9500016 With above IRD $223

SYSTEMS/IRD
INTEGRATED
RECEIVER/DESCRAMBLER

STAR TRAK™

Star Trak receivers give you many features that you would expect from more expensive receivers. These receivers truly offer high value in a simple, easy-to-use package.

Star Trak receivers are well known for their exceptional video quality--sharp, crystal clear, high-resolution video--video that will allow you to enjoy sports, concerts, movies and more. Our Skyvision technicians evaluate dozens of receivers every year. Just listen to their enthusiasm: "VERY crisp, clear video," "I was impressed with the video." "I was very impressed with the video--exceptionally crisp and clear.

When you are ready to install your new Star Trak receiver, you will appreciate the easy-to-use program switch and the easy menu-based setup.

Star Trak 400

It's no wonder that the Star Trak 400 is the best selling receiver in its class. It's the perfect introduction to the world of personal cable systems because it comes in a user-friendly package that's loaded with features. In addition to exceptional video quality and digital stereo on VCII+ programming, it has a built-in interference filter, audio/video output for your VCR or monitor, full on-screen menu, with easy to follow instructions for all functions and a standard infrared or optional dual UHF/Infrared remote usually available only with expensive receivers. The custom-equipped Skyvision® version of the Star Trak 400 comes fully equipped with a antenna positioner and power supply. The Star Trak 400 is tough to beat at any price. "This IRD is a champion...it has more direct-dial features than any other IRD to date." *Satellite Retailer*, Jan '94

Star Trak 600

The Star Trak 600 is an exceptional, fully-integrated receiver and descrambler (IRD) that combines advanced features with ease of operation. It starts with the unique Star Trak UHF remote control for fingertip access to your favorite channels. The full on-screen menu provides precise instructions for all functions, including 99-favorite channel recall and parental lockout, making this unit the obvious choice for families. In addition to the user-friendly operation, the Star Trak 600 provides crystal clear video and stereo quality, and it comes with built-in terrestrial interference filter, antenna positioner and power supply. If you plan to expand your home entertainment horizons, the Star Trak 600 gives you a clear advantage.

Star Trak 800

For the ultimate in a feature-packed integrated-receiver descrambler, look no further than the Star Trak 800. This advanced receiver is perfect for those who want the superior video and stereo audio quality that comes with all Star Trak receivers, plus the features that make it perfect for tomorrow's expanded world of Direct-To-Home television. With the dual, infrared/UHF remote control, you get quick and easy access to functions; and there is a complete on-screen menu to help you with Star Trak's 800's advanced features. Your viewing enjoyment is made even easier with the 99-favorite channel recall, programmable VCR and event timer and parental lockout by channel or by satellite. These are the friendly features; but there's more to help you get the most out of your home entertainment system including built-in interference filter, power supply and antenna positioner, separate video and audio outputs for error free VCR recording, programmable audio levels and digital stereo audio on decoder channels. Just to make sure that you're ready for the future, the Star Trak 800 is designed to add additional satellites as they are launched. If you want tomorrow's technology today, the Star Trak 800 is your best choice.

...well known for their exceptional video

Product Features	Star Trak 400	Star Trak 600	Star Trak 800
• Remote Control—Infrared	✓	✓	✓
• Remote Control—UHF	Optional	✓	✓
• On Screen Menu Displays	✓	✓	✓
• C & Ku Band	✓	✓	✓
• Direct Satellite Access	✓	✓	✓
• Direct Channel Access	✓	✓	✓
• Channel Skip		✓	✓
• Built-In Antenna Positioner & Power Supply	✓	✓	✓
• Built-In T.I. Filter	✓	✓	✓
• Multi Bandwidth Video	2	2	4
• Favorite Channels	45	99	99
• Categorized Favorite Channel Recall			✓
• Scrolling Satellite Access	✓	✓	✓
• Individual Satellite Identification		✓	✓
• Auto Satellite Identification (ASI)			✓
• Auto Peak for Position & Skew			✓
• LNBF (14/18V Interface)	✓	✓	✓
• Frequency Fine Tuning per Channel	✓	✓	✓
• Satellite Memory	50	60	60
• A/V Output for VCR or Monitor	✓	✓	✓
• VCR Interface (separate video and audio outputs)			✓
• Subcarrier Audio	mono	stereo	stereo
• Discrete Analog Stereo		✓	✓
• Digital Stereo on VCII+ Programming	✓	✓	✓
• Mute Function		✓	✓
• Built-In Clock			✓
• Parental Lockout (by Channel, by Satellite)		✓	✓
• Programmable VCR & Event Timer			✓
• User Definable Satellite Tables	✓	✓	✓
• Power Out Memory	✓	✓	✓
• Built-In Surge Suppressor System	✓	✓	✓

Star Trak 400

System Package

INCLUDES: **IRD Receiver with VCRS module**, *plus* SX-7 Orbitron mesh dish, 35° LNB, Polarotor feedhorn, 18" Superjack II mover, and *Exclusive* Do It Yourself Installation Video.

Order #8523004 (S&H $85) $1349
Available without VCRS decoder Call

IRD Receiver alone (without VCRS)
Order #4523004 (S&H $22) $449

System Upgrades

Description	Item Number	S&H	Add
Lower Temp LNB 25°	5000036	0	$20
Lower Temp LNB 20°	5002001	0	54
SuperJack XL 24" Heavy Duty Actuator	1019025	0	50

System Dish Options

Orbitron SX-6	6'	1514000	subtract 7	subtract 30
Orbitron SX-8.5	8.5'	1514002	add 9	add 60
Orbitron SX-10	10'	1514004	14	190

Ku-Band Upgrade Package
Corotor II C/Ku-band feed, 0.9 Ku LNB, and C/KU Switch
9500019 With above system $209
9500020 With above IRD 269

Star Trak 600

System Package

INCLUDES: **IRD Receiver with VCRS module**, *plus* SX-7 Orbitron mesh dish, 35° LNB, Polarotor feedhorn, 18" Superjack II mover, and *Exclusive* Do It Yourself Installation Video.

Order #8523005 (S&H $85) $1419
Available without VCRS decoder Call

IRD Receiver alone (without VCRS)
Order #4523005 (S&H $22) $519

System Upgrades

Description	Item Number	S&H	Add
Lower Temp LNB 25°	5000036	0	$20
Lower Temp LNB 20°	5002001	0	54
SuperJack XL 24" Heavy Duty Actuator	1019025	0	50

System Dish Options

Orbitron SX-6	6'	1514000	subtract 7	subtract 30
Orbitron SX-8.5	8.5'	1514002	add 9	add 60
Orbitron SX-10	10'	1514004	14	190

Ku-Band Upgrade Package
Corotor II C/Ku-band feed, 0.9 Ku LNB, and C/Ku Switch
9500015 With above system $163
9500016 With above IRD 223

Star Trak 800

System Package

INCLUDES: **IRD Receiver with VCRS module**, *plus* SX-7 Orbitron mesh dish, 35° LNB, Polarotor feedhorn, 18" Superjack II mover, and *Exclusive* Do It Yourself Installation Video.

Order #8523006 (S&H $85) $1519
Available without VCRS decoder Call

IRD Receiver alone (without VCRS)
Order #4523006 (S&H $22) $659

System Upgrades

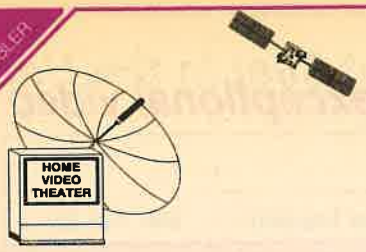
Description	Item Number	S&H	Add
Lower Temp LNB 25°	5000036	0	$20
Lower Temp LNB 20°	5002001	0	54
SuperJack XL 24" Heavy Duty Actuator	1019025	0	50

System Dish Options

Orbitron SX-6	6'	1514000	subtract 7	subtract 30
Orbitron SX-8.5	8.5'	1514002	add 9	add 60
Orbitron SX-10	10'	1514004	14	190

Ku-Band Upgrade Package
Corotor II C/Ku-band feed, and 0.9 Ku LNB
9500015 With above system $163
9500016 With above IRD 223

IRD INTEGRATED RECEIVER/DESCRAMBLER



TOSHIBA

Tune In The Stars From Your Own Private Space

Toshiba receiver technology is literally defining the standards of home satellite television. By applying the "Kaisen" philosophy of continual improvement to their products, Toshiba has emerged as a pioneer in the design and manufacture of satellite receiver technology. Their dedication to product advancement has delivered high quality products to consumers for years, and you can be sure they will continue this tradition. When it comes to delivering the essentials of today's satellite receivers, no one does it better than Toshiba. The first to incorporate a Super-Video (S-Video) output in a satellite receiver, Toshiba provides the highest picture quality available and is now marketing its second generation of S-Video equipped receivers. Crystal-clear reception of more than 150 channels of outstanding television entertainment are all received in your home in vivid color and digital stereo sound which rivals that of compact discs. Toshiba's TRX series is the overwhelming choice of discriminating satellite TV consumers. Outstanding features offered at an affordable price have made them a popular choice. When looking for quality reception, ease-of-use, and performance you can count on today and tomorrow, *Toshiba delivers like no other.*

Toshiba's TRX-2220 exclusive Image Magic LCD Display.

TRX-1520

Offering quality performance at an affordable price, Toshiba's TRX-1520 can make your living room an outstanding satellite entertainment center. Your UHF remote control will give you access to features like last-channel recall, channel skip, on-screen displays, and a 20-channel programmable favorite channel menu all from the comfort of your favorite chair. In addition, a built-in antenna controller and actuator power drive circuits give you absolute control of your dish. For ultimate viewing options, a VCRS descrambler will allow you to subscribe to your own customized programming package. Even with all of the shows available, parents can rest easy knowing that the TRX-1520 comes equipped with a parental lock-out feature. With so many benefits to the TRX-1520 at such an economical price, viewing satellite television is an exciting adventure we all can afford.

TRX-1820

Using cutting-edge technologies to assure you of superb satellite reception, the TRX-1820 is great for your home theater. Its fluorescent front panel display shows the satellite name and channel in crisp digital characters, further adding to its ease of operation. Compatible with state-of-the-art television monitors and Super VHS VCRs, the TRX-1820 receiver offers superior reception and professional quality recordings in your home. Besides the features of the TRX-1520 such as on-screen displays, last-channel recall, and parental lock-out, the TRX-1820 also has internal C/Ku switching, a sleep timer, and matrix/discrete stereo. With so much to offer, Toshiba's TRX-1820 is a receiver that is a delight to own.

TRX-2220

A top-of-the-line receiver, the TRX-2220 has much to offer the avid satellite enthusiast. One of the most exciting features is Toshiba's unique Image Magic LCD, which uses animation to keep you in touch with the stars. The extra large display literally shows your antenna position as it tracks across the sky; the graphic level meter display actively shows both signal and sound levels. Satellite name and channel number are easy to read in large digital characters and the graphics themselves are stunning—brilliant amber characters on a jet black background. A standard UHF remote with an infrared remote option allows for easy control of your system. Like the TRX-1820, the TRX-2220 is compatible with state-of-the-art television monitors and Super VHS VCRs, which allows you to make home recordings of a professional quality level. Additional features such as a 60-satellite memory, and S-Video output make the TRX-2220 one of the best receivers available. Once you see its sleek, futuristic design and experience its superb audio and video quality, you'll know you made the right choice.

Toshiba Speedy Remote

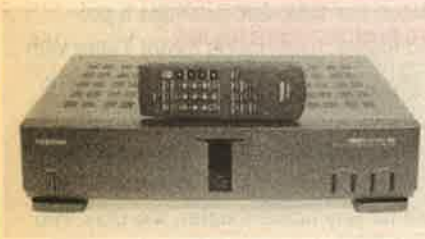
The Toshiba Speedy Remote is a simple infrared remote that will operate your receiver without any extra buttons to get in the way. This perfect second remote provides On/Off, change satellites or channels, and volume control. When you buy this Speedy Remote, your full featured UHF remote will be available for use in other locations in your home.

Item #7526007 *Purchase with your Toshiba IRD for only* **$19.95** + S/H $0
Item #7526007 *Purchase as a separate item for* **$39.95** + S/H $5.00

World-Class Entertainment for the Best Seat in the House !

Specifications

Features	TRX-1520	TRX-1820	TRX-2220
AC Convenience Outlet	✓	✓	✓
Auto Peaking	✓	✓	✓
Channel Capacity, C-Band	24	24	24
Channel Capacity, KU-Band	32	32	32
Channel Skip	✓	✓	✓
C/KU Compatible	✓	✓	✓
Stereo	✓	✓	✓
Favorite Channel Menu	20	20	20
Formatted KU-Band	✓	✓	✓
On-Screen Display Menus	Color	Color	Color
Audio Select List	20	30	30
Audio/Video Inputs			1
Audio/Video Outputs	2	1	2
Category Selection Menu	10 Cat/Prgm	10 Cat/Prgm	10 Cat/12 Prgm
Front Panel Display	LED	Fluorescent	LCD
IF Inputs	1	2	2
Matrix/Discreet Stereo		✓	✓
Parental Control	Sat/Chan	Sat/Chan	Sat/Chan
Remote Control	UHF	UHF	UHF
Remote Control Options	IR	IR	IR
RF Input From Antenna	1	2	2
S-Video Output		✓	✓
Satellite Memory, C-Band	24	24	30
Satellite Memory, KU-Band	24	24	30
TI Filter	✓	✓	✓
Timer		Sleep	Event
UHF/IR Simultaneous Operation	✓	✓	✓



TRX-1520

System Package

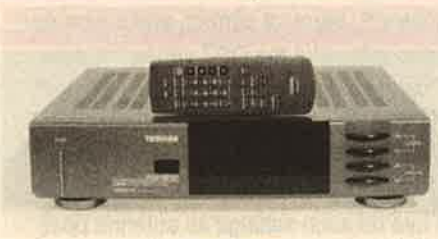
INCLUDES: **IRD Receiver with VCRS module,** *plus* SX-7 Orbitron mesh dish, 35° LNB, Polarotor feedhorn, 18" Superjack II mover, and *Exclusive* Do It Yourself Installation Video.

Order #8526005 (S&H $85) $1499
Available without VCRS decoder Call

IRD Receiver alone (without VCRS)
Order #4526005 (S&H $22) $599

System Upgrades

Description	Item Number	S&H	Add
Lower Temp LNB 25°	5000036	0	$20
Lower Temp LNB 20°	5002001	0	54
SuperJack XL 24" Heavy Duty Actuator	1019025	0	50
System Dish Options			
Orbitron SX-6 6'	1514000	subtract 7	subtract 30
Orbitron SX-8.5 8.5'	1514002	add 9	add 60
Orbitron SX-10 10'	1514004	14	190
Ku-Band Upgrade Package			
Corotor II C/Ku-band feed, and 0.9 Ku LNB, and C/KU switch			
9500019 With above system			$209
9500020 With above IRD			269



TRX-1820

System Package

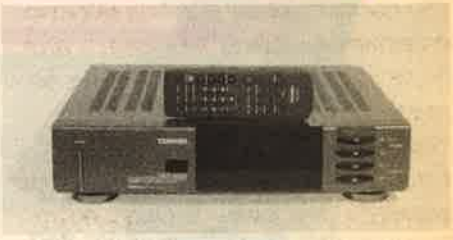
INCLUDES: **IRD Receiver with VCRS module,** *plus* SX-7 Orbitron mesh dish, 35° LNB, Polarotor feedhorn, 18" Superjack II mover, and *Exclusive* Do It Yourself Installation Video.

Order #8526003 (S&H $85) $1739
Available without VCRS decoder Call

IRD Receiver alone (without VCRS)
Order #4526003 (S&H $22) $849

System Upgrades

Description	Item Number	S&H	Add
Lower Temp LNB 25°	5000036	0	$20
Lower Temp LNB 20°	5002001	0	54
SuperJack XL 24" Heavy Duty Actuator	1019025	0	50
System Dish Options			
Orbitron SX-6 6'	1514000	subtract 7	subtract 30
Orbitron SX-8.5 8.5'	1514002	add 9	add 60
Orbitron SX-10 10'	1514004	14	190
Ku-Band Upgrade Package			
Corotor II C/Ku-band feed, and 0.9 Ku LNB			
9500015 With above system			$163
9500016 With above IRD			$223



TRX-2220

System Package

INCLUDES: **IRD Receiver with VCRS module,** *plus* SX-7 Orbitron mesh dish, 35° LNB, Polarotor feedhorn, 18" Superjack II mover, and *Exclusive* Do It Yourself Installation Video.

Order #8526004 (S&H $85) $1799
Available without VCRS decoder Call

IRD Receiver alone (without VCRS)
Order #4526004 (S&H $22) $929

System Upgrades

Description	Item Number	S&H	Add
Lower Temp LNB 25°	5000036	0	$20
Lower Temp LNB 20°	5002001	0	54
SuperJack XL 24" Heavy Duty Actuator	1019025	0	50
System Dish Options			
Orbitron SX-6 6'	1514000	subtract 7	subtract 30
Orbitron SX-8.5 8.5'	1514002	add 9	add 60
Orbitron SX-10 10'	1514004	14	190
Ku-Band Upgrade Package			
Corotor II C/Ku-band feed, and 0.9 Ku LNB			
9500015 With above system			$163
9500016 With above IRD			$223

SYSTEMS/IRD
INTEGRATED
RECEIVER/DESCRAMBLER

Commercial Quality Residential Beauty

DX is the satellite receiver of choice for cable companies and television stations, and now you can experience that same quality at home. DX, owned by C. Itoh, the largest electronics manufacturer in the world, has designed these two receivers with the same exacting quality as their well-known shortwave radios, computer components, and commercial receivers. DX doesn't just build quality receivers, these units are also beautiful. The Earthvision™ LCD display shows you exactly where your dish is pointed and then previews the new location as you move from satellite to satellite.The DSZ series is designed specifically for the user who wants the best the satellite industry has to offer. Movies, sports, music and all your favorite programs virtually come to life with sparkling video and audio performances. DX receivers offer reliability and performance for years of viewing enjoyment.

Introducing **Quick Draw™**...The fastest remote in these parts

For the fastest remote operation, east to west, only the DSZ series comes equipped with Quick Draw™. Easy to read buttons offer you the quickest and easiest access to 20 of your favorite channels. And because it's UHF, you're able to enjoy your favorite programs anywhere in your home.

DSZ -100

Quality and affordability put the DSZ-100 in a class by itself. Features like Quick Draw™ UHF Remote, Auto Seek Satellite Locator™, parental control, and subcarrier stereo will make the DSZ series the new industry standard. DSZ provides you with "world-class viewing" with the Earthvision™ LCD Imagery Display. This large, full-function display makes it easy to keep an eye on such settings as antenna position, satellite name, channel, signal strength and much more. The Expanded Color On-Screen Display system provides instant channel and programmer identification at the touch of a button. With a 150 channel preset category menu, you don't need to wonder where your next program will be found. Just look up the correct category on your on-screen menu and you'll be watching your next selection in seconds. A user friendly, on-screen menu practically holds your hand throughout all functions, thereby making favorite channel programming, recording, or just changing channels a snap. Entertainment power at your fingertips.

DSZ-200

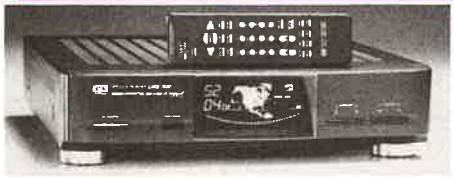
A top-of-the line receiver, the DSZ-200 includes all the features of the DSZ-100. For Ku-band enthusiasts, and for those C-band satellites that are close together, these receivers are compatible with high-resolution actuators for more accurate positioning of your dish. The DSZ-200 invites you to experience Dolby® Surround Sound for the ultimate audio adventure! A built-in Dolby® Surround Decoder maximizes the separation between the front and rear channels providing you with the impression of "being right there." Experience the roar of a spring storm, the frightening night sounds in a darkened jungle, and the beat of the music, so real and so close that you can almost reach out and touch it. And for those times you must leave your home theater, the DSZ-200 provides a programmable, multi-mode Event Timer with an on-screen menu for automatic event recording. Choose between daily or weekly recording and program 5 event schedules up to a year in advance. A must for any home theater, the DSZ-200 offers picture clarity, color and contrast beyond compare. Don't settle for less than DX!

"World-class viewing" with Earthvision™ LCD Imagery.

DX ... putting quality and performance on the map!

	DSZ-100	DSZ-200
Earthvision™ LCD Imagery	√	√
Expanded Color On-Screen Display	√	√
Auto Seek Satellite Locator™ and Polarity Skew	√*	√
45 Satellite Memory Capacity	√	√
Full Function Quik Draw™ UHF Remote	√	√
Standard 950-1450 MHz Input	√	√
TV Pass™ Card Ready	√	√
Dolby® Surround Sound		√
Videocipher® Digital Stereo	√	√
Subcarrier Discrete Stereo	√	√
PLL Frequency Synthesized Tuning	√	√
Category Channel Memory (150 CH)	√	√
High Resolution Actuator Ready	√	√
Built-in Antenna Positioner	√	√
Super Video Output	√	√
C/Ku Compatible	√	√
Parental Control Function	√	√
Favorite Channel Memory (20 CH)	√	√
Built-in Programmable T.I. Filter		√
Programmable Multi-mode Event Timer		√
Dual LNB Compatibility	√**	√

* Interactive only.
**When used with DSW-4A switch.



DSZ-100

System Package

INCLUDES: **IRD Receiver with VCRS module,** *plus* SX-7 Orbitron mesh dish, 35° LNB, Polarotor feedhorn, 18" Superjack II mover, and *Exclusive* Do It Yourself Installation Video.

Order #8505001 (S&H $85) $1529
Available without VCRS decoder Call

IRD Receiver alone (without VCRS)
Order #4505001 (S&H $22) $659

System Upgrades

Description	Item Number	S&H	Add
Lower Temp LNB 25°	5000036	0	$20
Lower Temp LNB 20°	5002001	0	54
SuperJack XL 24" Heavy Duty Actuator	1019025	0	50
System Dish Options			
Orbitron SX-6 6	1514000	subtract 7	subtract 30
Orbitron SX-8.5 8.5'	1514002	add 9	add 60
Orbitron SX-10 10'	1514004	14	190

Ku-Band Upgrade Package
Corotor II C/Ku-band feed, 0.9 Ku LNB, and C/KU switch
9500025 With above system $226
9500026 With above IRD $286

DSZ-200

System Package

INCLUDES: **IRD Receiver with VCRS module,** *plus* SX-7 Orbitron mesh dish, 35° LNB, Polarotor feedhorn, 18" Superjack II mover, and *Exclusive* Do It Yourself Installation Video.

Order #8505002 (S&H $85) $1689
Available without VCRS decoder Call

IRD Receiver alone (without VCRS)
Order #4505002 (S&H $22) $799

System Upgrades

Description	Item Number	S&H	Add
Lower Temp LNB 25°	5000036	0	$20
Lower Temp LNB 20°	5002001	0	54
SuperJack XL 24" Heavy Duty Actuator	1019025	0	50
System Dish Options			
Orbitron SX-6 6	1514000	subtract 7	subtract 30
Orbitron SX-8.5 8.5'	1514002	add 9	add 60
Orbitron SX-10 10'	1514004	14	190

Ku-Band Upgrade Package
Corotor II C/Ku-band feed, and 0.9 Ku LNB
9500015 With above system $163
9500016 With above IRD $223

SYSTEMS/IRD INTEGRATED RECEIVER/DESCRAMBLER

Made with Pride in The U.S.A.

The Future Is Now DRAKE®

The latest masterpieces from Drake are true works of art and engineering genius. Fifty years of experience and technology have gone into the construction of these three new models. Outstanding quality, picture clarity and affordability will make these IRD's a welcome addition you'll be proud to display in your home. Drake receivers combine the experience and talent of craftsmen working toward perfection and are built to endure the test of time. The TEN features that these three new IRD's all have in common make each of them an extremely attractive value.

- *All Drake receivers come with a full-capability remote control **plus** a second, ultra-simple EZ View II remote*
- *Built-in antenna actuator power supply*
- *Consistently superior video quality*
- *Extensive on-screen display menus*
- *Automatic peaking fine tuning*
- *VCRS compatible*
- *Accepts VCR PLUS codes*
- *Parental control lockout*
- *Manufactured in the USA*
- *Drake standard of excellence*

• ESR 1624i Value
• ESR 1724 Mid-Line
• ESR 1824 Top-Of-The-Line

ESR 1624i

The 1624i is the most economical unit of the new ESR series. Drake engineers designed the most sought-after features into the unit and simplified its operation.

The 1624i offers an internal actuator power supply to control antenna movement, enhanced auto satellite locate capability, automatic peaking fine tuning, extensive on-screen display menus and parental lockout In addition, it is VCRS compatible and comes with an infrared remote control. The 1624i offers a level of electronic sophistication that you will appreciate every day with hour after consistent hour of quality home entertainment. A UHF remote-controlled version is available. See pgs. 6-7.

¡ Hola !
Ahora usted puede leer sus menúes en Español. Todos los receptores de Drake, tienen menúes bilingües en la pantalla (Inglés y Español) para su conveniencia.

Now you can read your menus in Spanish. All of the Drake receivers have bilingual on-screen menus for your convenience.

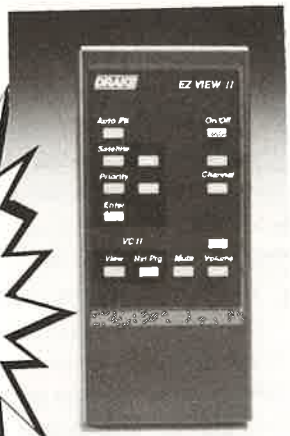
ESR 1724

The mid-priced 1724 offers you the quality and consistency of Drake engineering and design with features that will spark your imagination. On-screen graphics and menus, parental lockout, a full-function UHF remote, auto satellite location, and a two-digit alpha-numeric front panel display make this model easy to use. A programmable timer, digital stereo, and VCRS/ VIDEOpal compatiblity make it a joy to own. Experience the elegant engineering of a Drake ESR 1724 .

ESR 1824

The 1824 is the ultimate engineering achievement in the new ESR receiver line. Besides incorporating all of the features of the 1624 and 1724, this top-of-the-line IRD includes a four-digit alpha-numeric panel display of satellite and channel or time, a program memory of 100 audio and 100 video stations, three individual priority menus, a four-event programmable VCR timer and, of course, a color on-screen graphic display. With so many features, you can be assured that when you purchase an ESR 1824, you are receiving a high quality masterpiece by Drake.

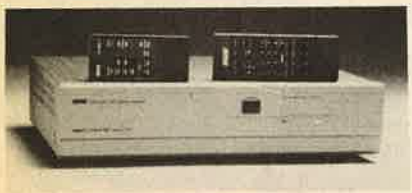
EZ View II REMOTE



Ultra-simple, infra-red remote control—now standard as second remote on all these models!

Drake Receivers:
An Achievement of Electronic Excellence !

Features:	1624i	1724	1824
On-Screen Graphics	√	√	Color
Actuator Controller	√	√	√
Full Function Remote Control	IR	UHF	UHF
EZ View Remote Control	IR	IR	UHF
Accepts VCR Plus Codes	√	√	√
Bilingual English Spanish Menus	√	√	√
Automatic Antenna Peaking	√	√	√
Automatic Satellite Locator Circuits	√	√	√
Made in the USA	√	√	√
Satellite Memory Capacity	50	50	50
Programmable Preferred Priority Menus	1	1	3
Priority View Program Memory	100 video	100 video	100 audio 100 video
Dual Audio/Video Outputs		√	√
Dual LNB Inputs		√	√
Front Panel Alphanumeric Display		2 digit	4 digit
Programmable VCR Timer		2 event	4 event
Loop Thru For External Filters		√	√
Full Stereo			√
Built In Video Filter			√



ESR 1624i

System Package

INCLUDES: **IRD Receiver with VCRS module,** *plus* SX-7 Orbitron mesh dish, 35° LNB, Polarotor feedhorn, 18" Superjack II mover, and *Exclusive* Do It Yourself Installation video.

Order #8504006 (S&H $85) $1399
Available without VCRS decoder Call

IRD Receiver (without VCRS)
Order #4504006 (S&H $22) $499

System Upgrades

Description	Item Number	S&H	Add
Lower Temp LNB 25°	5000036	0	20
Lower Temp LNB 20°	5002001	0	54
SuperJack XL 24" Heavy Duty Actuator	1019025	0	50
System Dish Options			
Orbitron SX-6 6	1514000	subtract 7	subtract 30
Orbitron SX-8.5 8.5'	1514002	add 9	add 60
Orbitron SX-10 10'	1514004	14	190
Ku-Band Upgrade Package			
Corotor II C/Ku-band feed, and 0.9 Ku LNB, and C/Ku Switch			
9500023 With above system			$209
9500024 With above IRD			$269

ESR 1724

System Package

INCLUDES: **IRD Receiver with VCRS module,** *plus* SX-7 Orbitron mesh dish, 35° LNB, Polarotor feedhorn, 18" Superjack II mover, and *Exclusive* Do It Yourself Installation video.

Order #8504005 (S&H $85) $1599
Available without VCRS decoder Call

IRD Receiver alone (without VCRS)
Order #4504005 (S&H $22) $699

System Upgrades

Description	Item Number	S&H	Add
Lower Temp LNB 25°	5000036	0	$20
Lower Temp LNB 20°	5002001	0	54
SuperJack XL 24" Heavy Duty Actuator	1019025	0	50
System Dish Options			
Orbitron SX-6 6	1514000	subtract 7	subtract 30
Orbitron SX-8.5 8.5'	1514002	add 9	add 60
Orbitron SX-10 10'	1514004	14	190
Ku-Band Upgrade Package			
Corotor II C/Ku-band feed, and 0.9 Ku LNB			
9500015 With above system			$163
9500016 With above IRD			$223

ESR 1824

System Package

INCLUDES: **IRD Receiver with VCRS module,** *plus* SX-7 Orbitron mesh dish, 35° LNB, Polarotor feedhorn, 18" Superjack II mover, and *Exclusive* Do It Yourself Installation video.

Order #8504004 (S&H $85) $1799
Available without VCRS decoder Call

IRD Receiver alone (without VCRS)
Order #4504004 (S&H $22) $939

System Upgrades

Description	Item Number	S&H	Add
Lower Temp LNB 25°	5000036	0	$20
Lower Temp LNB 20°	5002001	0	54
SuperJack XL 24" Heavy Duty Actuator	1019025	0	50
System Dish Options			
Orbitron SX-6 6	1514000	subtract 7	subtract 30
Orbitron SX-8.5 8.5'	1514002	add 9	add 60
Orbitron SX-10 10'	1514004	14	190
Ku-Band Upgrade Package			
Corotor II C/Ku-band feed, and 0.9 Ku LNB			
9500015 With above system			$163
9500016 With above IRD			$223

SYSTEMS/IRD INTEGRATED RECEIVER/DESCRAMBLER

CHAPARRAL COMMUNICATIONS

MONTEREY & The Celebrity Series

The Systems That Give You All The Choices

A pioneer in satellite TV components for more than a decade, Chaparral gives you many choices for satellite communications in your home, business or classroom. The Monterey receiver line is designed to fit into any home. With all the features available, it is important to remember that every Monterey model is designed around the same advanced hardware and software. They all offer technical advancements which simplify customer use, expedite installation and provide the highest quality reception available. The introduction of the Celebrity Series includes the latest features of the Monterey receivers. Whether you plan to purchase your first satellite receiver, build a state-of-the art home entertainment center or upgrade your present system, the Celebrity Series receivers give you the best value and performance for your money. For an investment as important as your satellite receiver, look to the recognized leader with an international reputation for quality and reliability. It's the smart choice!

™Monterey and Auto Track are trademarks of Chaparral Communications,Inc.

®Dolby and Dolby Surround are trademarks of Dolby Labs Licensing Corp.

Model 35

Considered the economy model in the Celebrity Series, the Model 35 delivers performance that has made Chaparral the quality choice in home satellite television. This receiver features a 2-way switcher for quick selection between satellite and another A/V source such as your VCR. On-screen menus communicate every operation to you and the favorite channel feature provides for fast and easy selection of 100 of the most popular channels. A programmable event timer makes recording satellite programs simple, and our unique VideoMax™ AGC circuitry ensures the best possible picture. You can access all of Monterey's features with a simple, easy-to-use MultiMate™ UHF/IR remote control. This allows operation of your satellite system from any television in your home. Experience everything the Model 35 can bring to your enjoyment of television.

Model 55

More than just a receiver, the Celebrity Series Model 55 adds value to your home entertainment system by providing special features that make television more enjoyable than ever. The Monterey Model 55 gives you the best possible picture with our unique VideoMax™ AGC circuitry and the best sound on every channel. And Monterey's features are easy to use. 100 favorite channels are stored in memory for easy access through a ColorTone™ on-screen menu. Easy recording of satellite programs is possible. You can even distribute TV and stereo audio throughout your home with the Model 55's MTS Stereo Encoder. Other features include a 2-way switcher, parental lockout, and auto tracking. The Model 55 is an exceptional receiver at a reasonable price.

Model 95

No other receiver has all the features of the Celebrity Series Model 95. With the "picture-in-picture" feature, you can watch two program sources at the same time. Sports fans can view two ball games, and you can even check the satellite weather report while watching a movie on your VCR. If a home theater is in your plan, the Dolby Surround® audio will add to your enjoyment of movies, concerts and sports specials on satellite and video cassette. Just add amplified rear speakers and put yourself right in the action. All the features plus easy operation - VideoMax™ AGC circuitry, 100 favorite channels, ColorTone™ on-screen menus and MultiMate™ UHF/IR remote control. The 4-way audio/video switcher allows quick selection between four audio/video sources such as satellite, VCR, CD player and even a security camera. With the Dynamic Noise Reduction® (DNR) feature, clean sound is maintained on every channel. If you are looking for the very best, the Celebrity 95 is clearly the right choice.

Model 100C

Monterey also has a a commercial receiver, which includes many features designed specifically for business applications. See page 42.

Experience Television Enjoyment
Choose the Monterey Receiver with the Features You Like Best !

Monterey Features by Model	MODEL 35	MODEL 55	MODEL 95
Picture-in-Picture			✓
Audio/Video Switcher	2-Way	2-Way	4-Way
Dynamic Noise Reduction			✓
MTS Stereo Encoder		✓	✓
Auxiliary Record Output		✓	✓
Remote Control	UHF/IR	UHF/IR	UHF/IR
Digital Audio (VCRS Chnls)	✓	✓	✓
Favorite Chnl Mem.	100	100	100
T.I. & Bandwidth Filters	✓	✓	✓
Programmable Timer	✓	✓	✓
Parental Lockout	✓	✓	✓
Auto Track	✓	✓	✓
Auto Tune	✓	✓	✓
On-Screen Menus	✓	✓	✓
Analog Stereo	✓	✓	✓
VideoMax AGC Circuit	✓	✓	✓

Monterey 35

System Package

INCLUDES: **IRD Receiver with VCRS module,** *plus* SX-7 Orbitron mesh dish, 35° LNB, Polarotor feedhorn, 18" Superjack II mover, and *Exclusive* Do It Yourself Installation Video.

Order #8503001 (S&H $85) $1739
Available without VCRS decoder Call

IRD Receiver alone (without VCRS)
Order #4503001 (S&H $22) $849

System Upgrades

Description	Item Number	S&H	Add
Lower Temp LNB 25°	5000036	0	$20
Lower Temp LNB 20°	5002001	0	54
SuperJack XL 24" Heavy Duty Actuator	1019025	0	50
System Dish Options			
Orbitron SX-6 6	1514000	subtract 7	subtract 30
Orbitron SX-8.5 8.5'	1514002	add 9	add 60
Orbitron SX-10 10'	1514004	14	190
Ku-Band Upgrade Package			
Corotor II C/Ku-band feed, and 0.9 Ku LNB			
9500015 With above system			$163
9500016 With above IRD			$223

Monterey 55

System Package

INCLUDES: **IRD Receiver with VCRS module,** *plus* SX-7 Orbitron mesh dish, 35° LNB, Polarotor feedhorn, 18" Superjack II mover, and *Exclusive* Do It Yourself Installation Video.

Order #8503002 (S&H $85) $1889
Available without VCRS decoder Call

IRD Receiver alone (without VCRS)
Order #4503002 (S&H $22) $999

System Upgrades

Description	Item Number	S&H	Add
Lower Temp LNB 25°	5000036	0	$20
Lower Temp LNB 20°	5002001	0	54
SuperJack XL 24" Heavy Duty Actuator	1019025	0	50
System Dish Options			
Orbitron SX-6 6	1514000	subtract 7	subtract 30
Orbitron SX-8.5 8.5'	1514002	add 9	add 60
Orbitron SX-10 10'	1514004	14	190
Ku-Band Upgrade Package			
Corotor II C/Ku-band feed, and 0.9 Ku LNB			
9500015 With above system			$163
9500016 With above IRD			$223

Monterey 95

System Package

INCLUDES: **IRD Receiver with VCRS module,** *plus* SX-7 Orbitron mesh dish, 35° LNB, Polarotor feedhorn, 18" Superjack II mover, and *Exclusive* Do It Yourself Installation Video.

Order #8503003 (S&H $85) $2189
Available without VCRS decoder Call

IRD Receiver alone (without VCRS)
Order #4503003 (S&H $22) $1299

System Upgrades

Description	Item Number	S&H	Add
Lower Temp LNB 25°	5000036	0	$20
Lower Temp LNB 20°	5002001	0	54
SuperJack XL 24" Heavy Duty Actuator	1019025	0	50
System Dish Options			
Orbitron SX-6 6	1514000	subtract 7	subtract 30
Orbitron SX-8.5 8.5'	1514002	add 9	add 60
Orbitron SX-10 10'	1514004	14	190
Ku-Band Upgrade Package			
Corotor II C/Ku-band feed, and 0.9 Ku LNB			
9500015 With above system			$163
9500016 With above IRD			$223

SYSTEMS/IRD INTEGRATED RECEIVER/DESCRAMBLER

A New Entertainment Perspective

ECHOSTAR™

When you purchase an EchoStar receiver, you are purchasing a quality system backed by years of dedication, superior service and innovation. Over 14 years of extensive research and development have been invested into each of these IRDs. With EchoStar, you'll get more than the picture—you'll get excitement, drama, intensity and information with the thousands of programming selections. A simple touch of a button will access thousands of action-packed movies, comedy shows, children's programming, foreign films, educational sessions, international broadcasts, theater, dance, music and first-rate sporting events with more close calls and spectacular plays than you could ever imagine. Tune these receivers to any of the many channels dedicated to education, news and information, religion and home shopping; and you will find you can earn a college degree, become inspired and informed and buy quality products at bargain prices, all from the comfort of your own home. EchoStar systems are known throughout the world for quality and reliability. If you still think television is something you watch... you're missing the picture.

Echostar™ are registered trademarks of Echosphere Corp.
VIDEOpal™ is a registered trademark of General Instruments Corp.

EchoStar 400

The extraordinary picture quality and superior audio reception of the EchoStar 400 will capture your attention and captivate you by turning ordinary television programs into enjoyable viewing experiences. This is an excellent, low-cost receiver for first-time satellite system owners that offers the quality reception of a high-end product. Specially designed for the future of satellite TV, the EchoStar 400 includes a Front Loader™ for convenient security card and descrambler module access without removing the receiver from your entertainment center. Add to that on-screen graphics, infrared remote control, channel masking, last channel recall and many more features on easy to use menus; and you have an IRD that puts variety, quality and affordability back into perspective.

EchoStar 500

You've just found your ticket to home satellite entertainment with the EchoStar 500 IRD. This IRD gives you more for your dollar and is ideal for those interested in additional features for convenience and further viewing enjoyment. Features include a 25-favorite video/audio channel memory, digital stereo on VCRS channels, parental lockout, channel masking, digital clock and dual input tuner with programmable VNR to reduce interference. The EchoStar 500 also includes the FrontLoader™ design, on-screen graphics, easy-to-use menu structure and the XPERT-IR remote control. Truly an unmatched source of entertainment, the EchoStar 500 is designed to go beyond ordinary television entertainment to give you the entire picture.

EchoStar 600

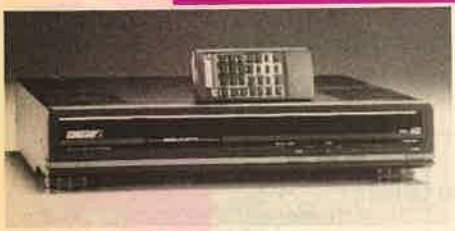
Open the door to the future. Designed for your use today and your convenience tomorrow, the EchoStar 600 opens the door to thousands of high quality audio and video programming selections. Ideal for anticipated security card applications, this IRD provides convenient access to the receiver's descrambler module for the insertion of a programming authorization card. Prevent signal theft, keep programming costs down, and bring countless hours of blockbuster movies, sports, news, theater, children's programs and much more directly to your living room. The EchoStar 600 has frontloading access to the VCRS module, 25 programmable favorite video/audio programs, 90 storable satellites, on-screen graphics and many more features including the XPERT UHF addressable remote control with speed key. Start experiencing television as it was meant to be. Explore the richness and diversity of satellite television programming. Unmatched by any other source of entertainment in its class, satellite television extends your viewing options into a variety of areas; and this IRD can bring all of these options home to you. The EchoStar 600 is truly a system designed for today...and tomorrow.

EchoStar XPERT Remote

The Echostar 500 and 600 feature the XPERT™ Addressable Remote Control with Speed Key. This marvelous remote is engineered for usability with a perfect layout of all of the most used keys. The XPERT™ address feature blocks out interference gremlins from other remote controls. RECALL moves you to the last channel that you watched. The SPEED key is macro programmable which reduces the number of key strokes required to land on favorite channels every time. For power and ease of use, the XPERT™ is unbeatable.

You'll Never Look at Television the Same Way Again

EchoStar model	400	500	600
FrontLoader™	√	√	√
Volume Hold	√	√	√
Digital Stereo on VCRS Channels	√	√	√
Full Stereo			√
Parental Lockout by Sat. & Channel	√	√	√
On-Screen Graphics	√	√	√
Ku Band Compatible	√	√	√
Remote Control	IR	XPERT™-IR	XPERT™-UHF
Volume Display Selectable ON or OFF	√	√	√
Dual Input Tuner with Programmable VNR		√	√
Front Panel LED Display with Adjustable Brightness			√
Channel Polarity Selection	√	√	√
Satellite Polarity Format Selection	√	√	√
Favorite Channel Memory		25	25
Storable Satellites	42	90	90
Channel Masking	√	√	√
Digital Clock		√	√
Automatic Dish/Polarity Peaking	√	√	√
Ku-Band VideoSeek™	√	√	√



EchoStar 400

System Package

INCLUDES: **IRD Receiver with VCRS module,** *plus* SX-7 Orbitron mesh dish, 35° LNB, Polarotor feedhorn, 18" Superjack II mover, and *Exclusive* Do It Yourself Installation Video.

Order #8506006 (S&H $85) $1299
Available without VCRS decoder Call

IRD Receiver alone (without VCRS)
Order #4506006 (S&H $22) $439

System Upgrades

Description	Item Number	S&H	Add
Lower Temp LNB 25°	5000036	0	$20
Lower Temp LNB 20°	5002001	0	54
SuperJack XL 24" Heavy Duty Actuator	1019025	0	50
System Dish Options			
Orbitron SX-6 6'	1514000	subtract 7	subtract 30
Orbitron SX-8.5 8.5'	1514002	add 9	add 60
Orbitron SX-10 10'	1514004	14	190

Ku-Band Upgrade Package
Corotor II C/Ku-band feed, 0.9 Ku LNB, and C/KU switch
9500017 With above system $209
9500018 With above IRD $269

EchoStar 500

System Package

INCLUDES: **IRD Receiver with VCRS module,** *plus* SX-7 Orbitron mesh dish, 35° LNB, Polarotor feedhorn, 18" Superjack II mover, and *Exclusive* Do It Yourself Installation Video.

Order #8506007 (S&H $85) $1459
Available without VCRS decoder Call

IRD Receiver alone (without VCRS)
Order #4506007 (S&H $22) $569

System Upgrades

Description	Item Number	S&H	Add
Lower Temp LNB 25°	5000036	0	$20
Lower Temp LNB 20°	5002001	0	54
SuperJack XL 24" Heavy Duty Actuator	1019025	0	50
System Dish Options			
Orbitron SX-6 6'	1514000	subtract 7	subtract 30
Orbitron SX-8.5 8.5'	1514002	add 9	add 60
Orbitron SX-10 10'	1514004	14	190

Ku-Band Upgrade Package
Corotor II C/Ku-band feed, and 0.9 Ku LNB
9500015 With above system $163
9500016 With above IRD $223

EchoStar 600

System Package

INCLUDES: **IRD Receiver with VCRS module,** *plus* SX-7 Orbitron mesh dish, 35° LNB, Polarotor feedhorn, 18" Superjack II mover, and *Exclusive* Do It Yourself Installation Video.

Order #8506005 (S&H $85) $1629
Available without VCRS decoder Call

IRD Receiver alone (without VCRS)
Order #4506005 (S&H $22) $739

System Upgrades

Description	Item Number	S&H	Add
Lower Temp LNB 25°	5000036	0	$20
Lower Temp LNB 20°	5002001	0	54
SuperJack XL 24" Heavy Duty Actuator	1019025	0	50
System Dish Options			
Orbitron SX-6 6'	1514000	subtract 7	subtract 30
Orbitron SX-8.5 8.5'	1514002	add 9	add 60
Orbitron SX-10 10'	1514004	14	190

Ku-Band Upgrade Package
Corotor II C/Ku-band feed, and 0.9 Ku LNB
9500015 With above system $163
9500016 With above IRD $223

SYSTEM UPGRADES When Purchased With System

Upgrades For Your New Custom-Designed System

"For Those Who Want the Ultimate"

If you are looking for the *"ULTIMATE SYSTEM"* ... First choose the System Package with the Receiver/IRD of your choice (pages 6-21). Now check out the Upgrades on this page and build the best system available anywhere. These are just a few of our most popular upgrade options. There are many more to choose from in this catalog. Our product representatives are ready to assist you in making the best personal choice for your geographic area.

Your choice of system package from pages 1-21 — System S&H $ 85 — System Price

Dish Upgrades

A larger dish collects more signal for a superior picture. See pages 28-29.

Dish Upgrade

These substitute the standard 7ft (SX7) dish that comes in System Package

		Add to S&H	Add to System Package Price	Add'l S&H	Upgrade
	With Polar Mount Linear Arm Drive				
1514002	8.5 ft Orbitron SX-8.5, a step up in size	$ 9	$ 60		
1514004	10ft Orbitron SX-10, heavy duty, high wind model	14	185		
1514005	12ft Orbitron SX-12, ideal for low signal areas	35	390		
1531005	7.5ft Winegard Quadstar 7.5	Call	80		
1531001	10ft Winegard Quadstar 10, excellent quality	Call	170		
1531003	10ft Winegard Pinnacle Perforated 10, top of the line	Call	520		
	With Horizon to Horizon Gear Box Drive				
1514010	7ft Orbitron SX-7, standard system dish with H-H Drive	19	198		
1514011	8.5ft Orbitron SX-8.5, as above with H-H gear drive	19	239		
1514012	10ft Orbitron SX-10, as above with H-H gear drive	24	429		
1514013	12ft Orbitron SX-12, as above with H-H gear drive	24	629		
1531002	10ft Winegard Quadstar 10,as above with H-H gear drive	Call	679		

Actuator Upgrade

The hardest working part of your system is your actuator. This is a wise investment. See page 36.

Actuator Arm Upgrade

These substitute the standard actuator arm that comes with System Package

		Add to S&H	Add to System Package Price
1019025	Superjack 24" acme screw	$9	$50
1019024	Superjack 24" heavy duty ball screw	9	70
1025018	Thomson Saginaw 18" heavy duty arm	7	80
1025024	Thomson Saginaw 24" super heavy duty	9	90

LNB Upgrades

The lower the temp, the sharper the picture. See page 26.

C-Band LNB Upgrade

These substitute the standard 35° LNB that comes in System Package

			Add to S&H	Add to System Package Price
5000041	30° C-Band LNB	Sharp	nc	$10
5000036	25° C-Band LNB	Sharper	nc	20
5002001	20° C-Band LNB	Sharpest	nc	54

Ku Upgrades

Ku-band gives you more choice with more channels at a very low investment. See page 26.

Ku-Band Upgrade Packages* (add-on option) — Ku-band "Go For It"

These substitute the standard C-Band feed with a C/Ku-Band feed plus a Ku LNB
Many additional channels for a very low investment

		Add to S&H	Add to System Package Price
9500015	0.9 Ku-Band LNB with Corotor II + Feedhorn	$8	$163
9500011	0.7 Ku-Band LNB with Corotor II + Feedhorn	8	173
9500012	0.6 Ku-Band LNB with Corotor II + Feedhorn	8	193

* Some IRD's require a C/Ku band switch along with the Ku-Band upgrade package. Check with your product rep for details.

Surge Protection

Protect Your investment. See pages 41.

Surge Protection (add-on option)

Protect your new investment

		Add to S&H	Add to System Package Price
3000099	Panamax Max Sat. 6 AC outlets, C, & Ku-band, polarity, & actuator	$8	$159
3000110	Panamax CoaxMax SSP. 4 AC outlet & C-band	6	109
3000106	Sat Pro II. 5 AC outlets, C, & Ku band, polarity, actuator & modem	6	225

Extended Warranty (add-on option)

Protect your investment for five full years
Covers your Receiver/IRD and VCRS module #6500054
Ask your Skvision Product Representative for full details

Now Only — Add to System Package Price $129

Standard full manufacturer's warranty applies without the extended coverage.

S&H Total — Upgraded System Total

$ — $

Grand total $

UPGRADE WORKSHEET

DECODERS And Accessories

VCRS Decoder Module

Cable TV and More . . .

Works With All IRD's!

The VCRS Decoder Module is your key to all of the premium programs available on your Full-View C-Band System. VCRS is the abbreviation for Video Cipher Renewable Security and is often called the VCRS Module, Decoder or Descrambler. The VCRS Module allows you to access all of the services available with cable and even more.

Programmers like HBO and the National Football League scramble their programs in order to assure payment for their services. This makes sense. If they don't have an income, how can they stay in business? The VCRS Module allows you to become your own cable TV company by paying a small monthly fee for the services that you want. This fee is usually 50% or less than comparable cable services, and the rates have been going down for the last ten years. In comparison, cable pricing has increased and continues to increase. Some things are only available on C-Band. The National Football League provides every Sunday game for a very modest fee, and it's only available on the Full-View C-Band System.

Canadian programs found on the ANIK Satellites require a special decoder and programming authorization available only in Canada. Spanish and Portuguese programming directed to Mexico and South America usually require special digital modules available only in those countries.

All of the U.S. subscription programming listed in our programming insert is available to owners of VCRS decoders. Don't wait any longer. With the VCRS you can have the programs that you've always wanted.

VCRS features include:

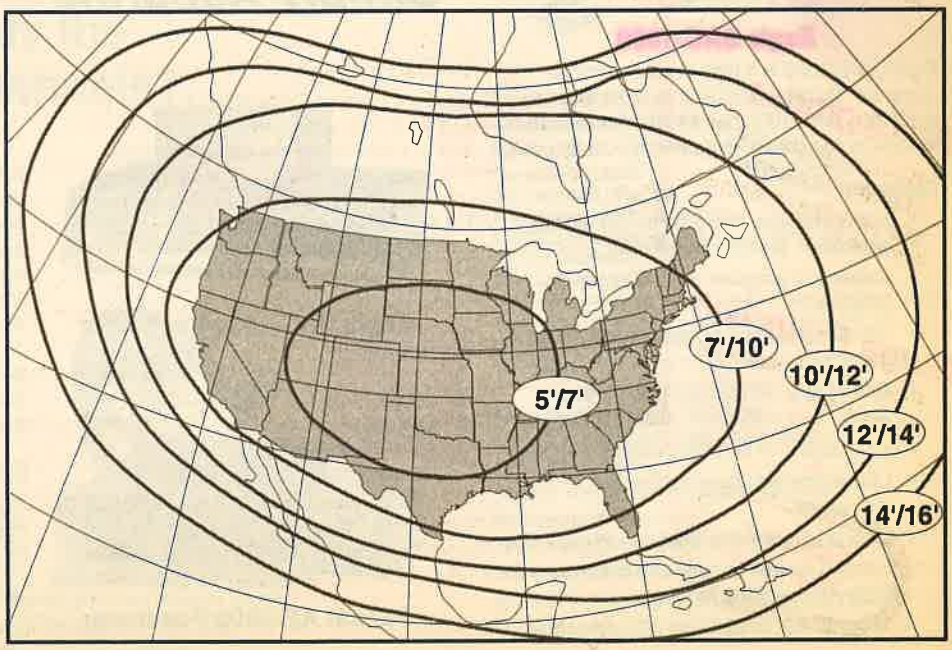
- **Parental Security.** VCRS allows you to set a rating ceiling to prevent anyone without a password from watching shows with a rating higher than you have set. For example, if you set your rating ceiling to "PG", your module will ask for a password (once it has been set) before allowing viewing access to movies with a "PG-13" or higher ratings.
- **Enhanced On-Screen Displays.** Operating your home satellite system is easier than ever.
- **Digital Audio.** If your receiver has stereo output, you will experience the detailed audio that comes from VCRS Digital Stereo Output.
- **Full Programming Access.** With the module you can access premium cable services and still have continued access to all of the unscrambled programs. After you have installed your module and are ready for cable services, just call our authorization center at 1-800-603-4142 for programming.

4509100.....S&H $16.....**$Call**

Pricing and availability varies throughout the year. For the best value, call Skyvision at: 1-800-543-3025

What Size (C-Band) Dish?

When selecting a C-Band dish, your geographic location is one of the most important factors. This map illustrates the minimum dish size and the recommended dish size for various North American locations. Newer satellites have more transmitting power than older satellites, and a smaller dish will provide good reception on those satellites. If you install a lower temperature 20 degree or 25 degree LNB, you can usually receive good reception with the smaller dish. For the very best, sparkle-free picture use the larger dish along with the optional lower temperature LNB. If you need assistance on dish selection or for locations other than those on this map, please call your Skyvision® Product Representative.



RECEIVER & POSITIONERS

Receivers With "Crystal Clear Picture Quality"

Non-Decoder type.

Pansat

The Pansat BR series receiver is designed for a better picture where small dishes are used or in fringe signal areas. It operates on the standard high block (950-1450 MHz) frequency used on all current brand name equipment.

Pansat BR1100 Receiver

Pansat BR3500 Receiver

BR1100

The BR1100 receiver's easy-to-operate, continuous tuning is the simplest way to get C/Ku channel tuning and makes even the Morelos Satellite easily accessible. The adjustable video bandwidth feature can be used to resist most TI problems and peaks the signal reception in weak signal fringe areas.

BR3500

The BR3500 C/Ku receiver offers the most advanced pre-programming of 120 channels. The 96 preselected C/Ku channels allow full choice of programming available. The BR-3500 features remote control function and the capability to operate the Pansat AP-3500 actuator controller.

FEATURES	BR1100	BR3500
Servo Polarizer Control	•	•
Scan switch	•	•
Saw Filter	•	•
V/H, C/Ku Switch Compatible	•	•
32 Ch Ku-Ready	•	•
V.C/B-mac select switch		•
Favorite Channel Programmable		•
LED Display		•
Last Touch Memory		•
Electronic Tuning		•
Fine Tuning Extension		•
Non Volatile Memory		•
IR Remote Control		•
Mute		•
Volume Control		•

BR 1100 satellite receiver.
7015001 S&H $16 **$219**
BR 3500 satellite receiver with remote.
7015004 S&H $16 **$289**

Antenna Positioners That Are "Simply Accurate"

Eagle Aspen™

Eagle SAC-1000

Eagle SAC-1000 is a high-precision micro-computer digitally-controlled satellite antenna controller. SAC-1000 has an infrared remote control for the convenient operation of this unit.

Features:

- High-precision, micro-computer digitally-controlled antenna positioning
- Select and program up to 60 satellite positions
- Satellite positions stored in non-volatile memory
- Compatible with actuators with reed sensor and selected optical sensors
- LED display of satellite position numbers
- LED indicators showing direction of movement
- User programmable East and West limits
- Infrared remote control with complete range of operating functions
- 110 Volt AC or 220 Volt AC compatible

Eagle SAC-1000 Positioner

Pansat AP-3500 Positioner

Pansat

Pansat AP-3500

The Pansat AP-3500 is a good mate for the Pansat BR1100 or BR3500 satellite receivers shown above. It is capable of storing 99 satellite positions in its non-volitale memory. Comes complete with infrared remote control.

Features:

- Micro controlled circuitry
- 99 Satellite Programmability
- Alphanumeric LED display
- Easy to use Parental lock-out
- Programmable over-travel limits
- Non-volatile memory
- Infrared remote control
- 110 Volt AC compatible

Eagle SAC1000 antenna controller with remote.
1019004 S&H $12 **$179**
Pansat AP3500 antenna controller with remote.
1015002 S&H $12 **$175**

NEED IT FAST? ASK FOR 2ND DAY AIR!

"It's Ku-Time"

GET ALL THE SATELLITES— ADD KU TO YOUR EXISTING SYSTEM

There are more and more non-scrambled programs appearing on Ku-Band; and as technology advances, this number will only increase. Skyvision offers you 2 ways to add Ku to your existing satellite system.

Complement your current C-Band system and take advantage of the numerous sports, network, and independent super station feeds showing on the high powered Ku satellites.

Or install a dedicated Ku-Band system and explore the endless possibilities. With a separate Ku system, you will be able to enjoy a multitude of programs without interruption to other family members that are watching channels on your C-Band system.

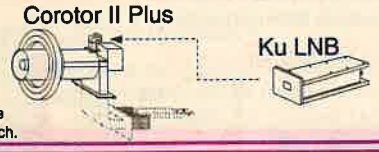
Make your choice today and explore all that Ku has to offer.

Ku-Band Upgrades

Upgrade Your Existing C-Band system to a dual C-Band/Ku-Band system.

Package includes:

Corotor II Plus
Ku LNB of choice



Note: Some IRDs require external C/Ku switch.

Item #	(S&H $14)	Price
9500007	1.0db	$199
9500009	0.9db	223
9500011	0.7db	233
9500012	0.6db	253

STANDARD KU SYSTEM

CHANNEL FLIPPER SPECIALS

Package INCLUDES:

- Smooth aluminum 3 ft dish
- Az-El mount for easy installation
- Strut mounted polarity switching feed (11/12 GHz)
- 0.9 dB Low Temperature LNB
- 100 ft All in one ribbon cable
- Site Data Coordinate Sheet
- Pansat BR 1100 Receiver—Find all Ku channels with easy to operate, continuous-tuning feature

Save over $100 off separate components

8500001 (S&H add $41) **Now Only $499**

Optional Ground pole page 32

DELUXE KU SYSTEM

Package INCLUDES:

- Smooth aluminum 3 ft dish
- Polar tracking mount and motorized arm
- Strut mounted polarity switching feed (11/12 GHz)
- 0.9 dB Low Temperature LNB
- 100 ft All in one ribbon cable
- Site Data Coordinate Sheet
- Pansat BR 3500 programmable receiver. with IR remote control
- Pansat AP 3500 Antenna positioner with 77 satellite programmability and controlled with the BR 3500 receivers hand remote

Save over $100 off separate components

8500002 (S&H add $52) **Now Only $769**

Optional Ground pole page 32

C/Ku-BANDS SCPC Radio

SCPC Radio—

Now you can receive hundreds of great SCPC channels on your satellite system! Proven hardware and software design make the Universal SCPC-100 the best value in a high performance, fully-agile SCPC receiver system. Now one-button, microprocessor-controlled tuning plus 50 channels of memory allow instant recall of your favorite programming with a push of a button once a program is entered into memory. Truly a simple-to-tune and use SCPC receiver for your home satellite system.

Expand your satellite system to receive all of the "hidden" SCPC signals.

Features of the SCPC-100:

- Stable microprocessor controlled tuning with two buttons. No knobs. Frequency agile.
- 50-channel program memory with instant one-button recall. Non-volatile, holds memory when power is off.
- Receives full range of programming on 950-1450 MHz from your satellite system.
- Fully compatible with existing blockdown converter systems, does not disable your video when in use.
- Easy to read 1/2" LED's, four digits, 7 segment numbers.
- Receives high quality music from hundreds of stations, single channel per carrier, can be used with your Hi-Fi system.
- Simple 3-minute hook-up, easy to use, hundreds of quality channels with no user fees or subscription charges.
- Receives all C-Band and KU-Band SCPC channels and programming.
- Hundreds of channels of programming and growing every day. Full list of programming and locations furnished with each SCPC unit.

Universal SCPC 100 #7000002 S&H $12 **$439**

C-BAND SYSTEMS

Looking for Only the Non-Scrambled Channels?

Here are two very affordable C-Band Systems that can introduce you to the world of non-scrambled satellite television and radio. Now you can tune in the unencoded programming including: religious, foreign language, educational, news feeds, spot feeds, superstation feeds, radio and much more...

OR If you have a family member who won't let go of the remote and likes to jump from channel to channel, this will be an excellent, low cost 2nd system choice.

No matter how you look at it—a first system or an addition to the system you already have—these extra value systems are packaged to fit your needs and are easy on your pocketbook.

Included in the two complete system packages shown is the ORBITRON dish. Its quality is second to none.

See page 28.

Save on C-Band Systems

STANDARD C-BAND SYSTEM

CHANNEL FLIPPER SPECIALS

Package INCLUDES:

- 7 ft ORBITRON mesh dish
- Polar tracking mount with slide arm
- Strut mounted polarity switching feed (4 GHz)
- 35° Low Temperature LNB
- 100 ft All in one ribbon cable
- Site Data Coordinate Sheet and Do-it-Yourself Installation Video
- Pansat BR 1100 Receiver—Find all C-band channels with easy to operate continuous tuning feature

8500003 (S&H add $79) **Now Only $599**

DELUXE C-BAND SYSTEM WITH DISH MOVER AND HAND REMOTE

Package INCLUDES:

- All of the above package except BR 1100 and add:
- Motorized dish moving arm
- **Pansat BR 3500** Receiver with **AP 3500** Dish Positioner
- Single remote controls both units

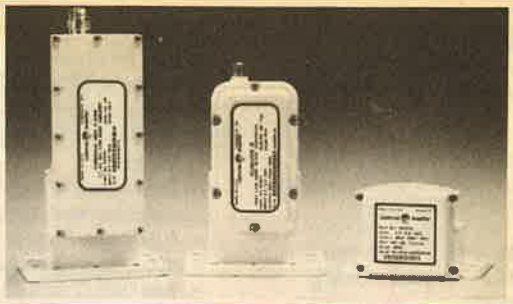
8500004 (S&H add $85) **Now Only $779**

Optional Ground poles page 32

LNB's

CLEAR IT UP!

With a New Low Temperature High Technology LNB/LNA

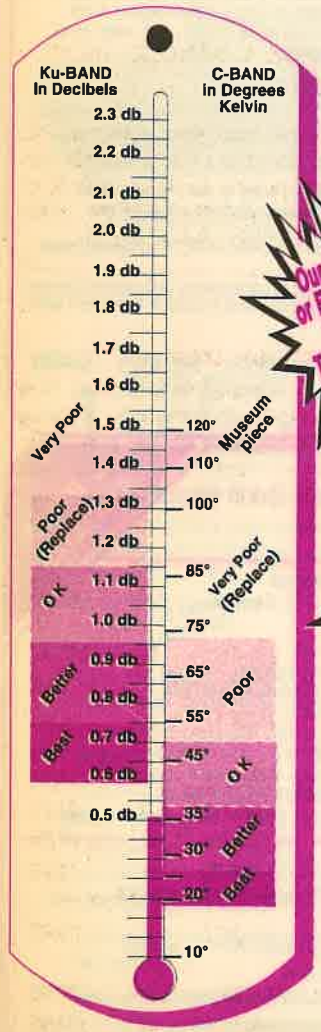


The LNB (Low Noise Block Converter) is the "heart" of your satellite system. The LNB collects the signal from the dish, converts the signal and then sends the signal to the receiver. If the LNB is performing poorly, you will have a poor picture and poor sound.

The noise temperature is the way we can measure the amount of static or noise coming into the system. Older satellite systems have high temperature LNB's and therefore, "sparkles" show up on the TV. When you replace your LNB with a new low-temperature LNB, the sparkles will be dramatically reduced, your picture clarity will improve, and the static in your system will also be reduced. This upgrade is easily accomplished by changing only a few bolts.

Upgrade your LNB and you will **SEE** the difference.

The lower the temperature of your LNB/LNA, the better the picture!



C-BAND LNBs are measured in degrees Kelvin, and Ku-BAND LNBs in decibels.

Our LNB's Meet or Exceed Industry Standards on Temperature & Gain Measurements!!

The LNB Is The "Heart" of your System

C-BAND LNBs (4GHz)	Item #		Price
950 - 1450 MHz			(S&H $8)
For block receivers/IRD's			
Note: Tempurature shown is the maximum, Average temperatures are lower.	5000051	40°	$ 69
	5000046	35°	$ 75
	5000041	30°	$ 85
	5000036	25°	$ 95
	5002001	20°	$ 129
930 - 1430 MHz			
For STS receivers	5000008	50°	$ 119
including:	5000010	40°	$ 139
Models# SR Block, MBS LSR, SR110.	5000012	30°	$ 179
900 - 1400 MHz			
For older DX receivers including:			
Models# 500, 600, 700, 700s, 800,	5000007	50°	$ 185
642, 643, 644.	5000056	40°	$ 219
430 - 930 MHz Low Block			
Radio Shack, Koro, Anderson,	5000004	50°	$ 185
Janeil, etc.	5000053	40°	$ 219

Ku-BAND LNBs (12GHz)	Item #		Price
950 - 1450 MHz Ku			(S&H $8)
For block receivers/IRD's	5000031	1.0db	$ 79
	5000026	0.9db	$ 99
	5000014	0.7db	$ 109
	5000013	0.6db	$ 129

C-BAND LNAs (4GHz)	Item #		Price
For older 70 MHz and block receivers			(S&H $8)
that use a separate downconverter	5000203	45°	$ 139
	5000204	40°	$ 149
	5000206	30°	$ 179
	5000210	25°	$ 199

BLOCK DOWNCONVERTERS	Item #	Price
		(S&H $8)
950 - 1450 for most Block Receivers	5000209	$ 79
930 - 1430 for STS Block	5000208	$ 79

DOWNCONVERTERS (70 MHz)	Item #	Price
For Drake 224, 240, 324, 424, 424		(S&H $8)
	5000207	$ 115

C-BAND LNBFs (4GHz)	Item #		Price
950 - 1450 MHz			(S&H $12)
LNB and C-Band Feedhorn in a single high performance unit.			
With pulse wire for receivers not	5000076	35°	$ 125
mentioned below.	5000066	25°	$ 145
Without pulse wire for receivers:	5000075	35°	$ 125
Uniden 4200, Echostar 310, HTS 4	5000065	25°	$ 145

Others-call for availability with name and model of your receiver.

Get all the Satellites. Add Ku-Band Upgrade Package

Upgrade your existing C-Band system to a dual C-Band/Ku-Band system.

Package includes:
- Corotor II Plus
- Ku LNB of choice

Note: Some IRDs require external C/Ku switch.

Item #		Price
		(S&H $14)
9500007	1.0db	$ 199
9500009	0.9db	$ 223
9500011	0.7db	$ 233
9500012	0.6db	$ 253

FEEDHORNS

Feedhorn Technology

Resting in front of and above the dish, the feedhorn collects the signal which has been reflected to it by the surface of the dish and then feeds it to the LNB/LNA. Skyvision has brought together the best feedhorns in the industry from Chaparral, Birdview and Cal Amp to meet your specific needs. In addition, you will find listed below many feed accessories for all situations.

A

C-BAND

POLAROTOR I E A/S
By far the most popular feed in satellite history, the Polarotor I offers servo motor polarity switching, outstanding reliability, and an adjustable scalar ring.

B

Ku-BAND

11/12 GHz POLAROTOR I-Ku
For installations dedicated to Ku-Band reception, the 11 & 12 GHz Polarotor offers the dependability you have come to expect from Chaparral. Direct probe drive and easy installation are featured.

C

COMBINED C-BAND and Ku-BAND

COROTOR II Plus
Combining proven Polarotor I technology with co-boresight accuracy, the Corotor II Plus represents a new and efficient feed system for reception of both C- and Ku-Band programming.

D

COROTORPAK™

Chaparral Communications has combined the industry proven Corotor II Plus feedhorn with Chaparral's 20° C-Band LNB and .7 dB Ku-Band LNB. The CorotorPak expands performance capabilities with perfectly matched LNBs to create maximum reception on both C and Ku-Band. The CorotorPak is preassembled for easy installation.

E

COMBINED C-BAND, Ku-BAND

CENTERLINE FEED ASSEMBLY
State of the art in feed assemblies, the California Centerline features a single servo for C- and Ku-Band, has center focus C and Ku probes.

F

DUAL C-BAND

DUAL FEED
Chaparral's Dual Feed provides the very best in orthomode design. Virtually loss-free, the Dual Feed is the performance champion in both private and commercial applications.

G

COMBINED DUAL C-BAND, Ku-BAND

BULLSEYE I
Designed to maximize your options, the Bullseye can be used to receive verticle and horizontal C-band polarity as well as verticle or horizontal KU-band polarity all at the same time. A must for multiple receiver systems.

H

C-BAND

PR40S BIRDVIEW ROTATOR
Polarization rotor designed to fit Birdview feed system. The PR40S will modify your Birdview feed for standard configuration low cost LNBs. Makes your Birdview antenna compatible with all IRDs and receivers in this catalog.

FEEDHORNS		Item #	S&H	Price
A.	Chaparral POLAROTOR IE A/S (Most Popular C-Band Feed)	3503005	$6	$ 59.95
B.	Chaparral 11/12 GHz POLAROTOR I	3503002	6	59.95
C.	Chaparral COROTOR II Plus C/KU (Most Popular C/Ku-Band Combo Feed)	3503007	8	124.95
D.	CorotorPakTM	3503024	12	329.95
E.	Amplifier Centerline C/Ku	3502001	8	124.95
F.	Chaparral DUAL C-BAND FEED	3503004	6	89.95
G.	Chaparral BULLSEYE I	3503003	9	349.95
H.	Birdview PR40S ROTATOR	3520001	6	59.95

FEED ACCESSORIES	Item #	S&H	Price
Feedhorn Cover (LNB/LNA Weather Protection)	3514001	$7	$19.95
Chaparall Feed Throat Cover	3503021	5	6.00
Chaparral Gold Ring for PR1 & Corotor II+	3503017	5	4.95
Guy Wire Kit for Button Hook Feed Support			
6" to 7"diameter feed, Chaparral etc.	3500012	5	19.95
7.5" to 8.5"diameter feed, ADL, Cal Amp	3500013	5	21.95
8.5'-9.5' diameter feed, Seavey	3500014	5	21.95
Chaparral VH1 C/Ku Band Switch (Allows the use of one receiver for both bands, call to determine suitability to your receiver)	3503020	5	49.95
Chaparral Dielectric Insert (for converting PR1 to circular polarization)	3503015	5	15.00
Chaparral Servo Motor Kit	3503019	5	37.95
Califomia Amplifier Servo Motor Kit	3502002	5	34.95
90 Degree C-Band Elbow	3503023	5	10.00
90 Degree Ku-Band Elbow	3503022	5	12.00

DISHES

ORBITRON

Our Top Performers Are Affordable as Well as Attractive

- **Performance** - Orbitron antennas ("size for size") are known the world over for their superior reception and picture quality. Orbitron's unique design features, specifications, attention to detail and craftsmanship are shown in the fabrication of every Orbitron antenna.
- **Appearance** - Very eye appealing with clean lines and black powder coated hard finish. The beauty is lasting.
- **Spinclination*** - ORBITRON'S exclusive feature that allows declination to be set by rotating the antenna to the correct latitude setting on the scale. This feature also allows the mesh panels to be easily installed after the antenna is on the pole. (*applies to 7', 8.5', 10' & 12' models.)
- **UPS* Shippable/Parcel Post** - The compact shipping cartons allow these antennas to be shipped very economically to any point in the U.S. or the world. Parcel Post may be used for areas not served by UPS (*7', 8.5', and 10' dishes are UPS/Parcel Post shippable, 12' can ship UPS only).
- **Ease of Assembly** - "They come together fast" with their precision fitting parts and easy to understand assembly manual.

A

Orbitron SX-7 with Horizon-to-Horizon

SX-7 / SX-8.5
The Orbitron SX-7 and SX-8.5 have become the standard of the industry. Skyvision sells more SX-7 & SX-8.5 dishes than all others combined. The SX's quad leg feed support, die-formed mesh panels and parabolic stressed frame construction assure precise C/KU reception and a sharp clear picture.

B

Orbitron SX-10 with Polar Mount

SX-10
Orbitron quality is demonstrated by every performance characteristic and feature of the SX-10. The heavy-duty SX-10's superior picture quality is due to the relationship between Orbitron's unique design features and the attention to detail and craftsmanship shown in the fabrication of every Orbitron antenna.

Spinclination Polar Mount

Polar Tracking Mount with "Spinclination"
Orbitron's exclusive "Spinclination" feature allows declination to be set by rotating the antenna to the correct latitude setting displayed on the scale. This feature also allows the mesh panels to be easily installed after the antenna is on the pole.

C

Orbitron SX-12 with Polar Mount

SX-12
Get the same great quality and superior design characteristics seen in all of Orbitron's antennas with the SX-12. This model offers all the features of the popular SX series with additional stiffening rings to assure true parabolic shape and incredible picture clarity even in weak signal areas.

H-to-H Motorized Mount

Horizon-to-Horizon "Motorized Mount"
Why Horizon-to-Horizon? In addition to providing access to the entire satellite arc, H-to-H are extremely rigid regardless of where the dish is pointing. Freeze-ups are no longer a concern; accuracy is dramatically improved and life-expectancy is tripled. Simply the best!

D

Orbitron O-16 with Polar Mount

O-16
Orbitron performance is exemplified by the O-16 antenna. The excellent C/KU reception of the O-16 is due to several Orbitron innovations. In addition to a stressed frame, the O-16 possesses a sturdy quad feed, diagonal rib bracing, dual concentric mesh rings, and an extra heavy-duty mount for perfect tracking under all conditions.

Orbitron Dish Specifications and Prices:

	SIZE	MODEL	MOUNT	TYPE	F/D RATIO	dB GAIN C-BAND	FOCAL LENGTH	FINISH	POLE SIZE REQUIRED	WT LBS.	SHIPPING UPS	SHIPPING TRK	ITEM NUMBER	S&H	PRICE
**	6.7'	SX-7	Polar/Spin	C/Ku Mesh	.36	37.4	28.50"	Black	3.5"	91	x		1514001	45	$ 259
**	8.3'	SX-8.5	Polar/Spin	C/Ku Mesh	.36	39.2	35.75"	Black	3.5"	116	x		1514002	49	319
B	10.0'	SX-10	Polar/Spin	C/Ku Mesh	.30	40.5	35.75"	Black	3.5"	144	x		1514004	63	449
C	11.7'	SX-12	Polar/Spin	C/Ku Mesh	.36	42.5	50.12"	Black	3.5"	196	x		1514005	84	649
D	16.0'	O-16	Polar/Spin	C/Ku Mesh	.30	44.9	57.12"	Black	5.5"	820		x	1514006	Call	2,424
A	6.7'	SX-7 H-H	Horiz-Horiz	C/Ku Mesh	.30	37.4	28.50"	Black	3.5"	117	x		1514010	49	538
**	8.3'	SX-8.5 H-H	Horiz-Horiz	C/Ku Mesh	.36	39.2	35.75"	Black	3.5"	142	x		1514011	59	598
**	10.0'	SX-10 H-H	Horiz-Horiz	C/Ku Mesh	.30	40.5	35.75"	Black	3.5"	176	x		1514012	96	788
**	11.7'	SX-12	Horiz-Horiz	C/Ku Mesh	.36	42.5"	50.12"	Black	3.5"	228	x		1514013	110	988
**	16.0'	O-16 H-H	Horiz-Horiz	C/Ku Mesh	.30	44.9"	57.12"	Black	5.5"	880		x	1514007	Call	2,959
**	20.0'	T-20 H-H	Horiz-Horiz	C/Ku Mesh	.45	46.1"	108.00"	Black	Tower	2,050		x	1514008	Call	9,395
**	24.0'	T-24 H-H	Horiz-Horiz	C/Ku Mesh	.375	47.8"	108.00"	Black	Tower	2,300		x	1514009	Call	10,645

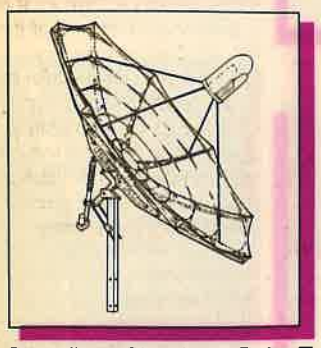
**Not shown

DISHES

Paraclipse
HIGH PERFORMANCE SATELLITE TELEVISION SYSTEMS

Paraclipse—*Whenever strength and endurance are important* - Paraclipse antennas represent state-of-the-art in the TVRO industry. Precision engineered to face Florida hurricanes or California desert heat, the tough and durable antennas in the Paraclipse line will survive the worst that nature can throw at them. Day after day, year after year, they will deliver great reception.

A



Paraclipse Classic 12 Polar T

Classic 12 Polar T
This classic antenna is built for the earth's toughest environments and features—the traditional strength and accuracy of Paraclipse products. The Polar T-Mount on the Classic 12 tracks with pinpoint accuracy and excellent stability. These antennas are designed and built to retain their original shape, resulting in exceptional reception for years to come.

B

Paraclipse 14.5 Islander

14.5 Islander
The Classic 14.5' Islander is reinforced with additional wind-resistant struts, making it the ideal antenna for any exposed location, whether it be a Caribbean island or a wind-blown mountain top. The steel mount is fully protected with a smoke-blue color, baked-on, powder-coat finish.

WINEGARD®
Clearly the World's Best®

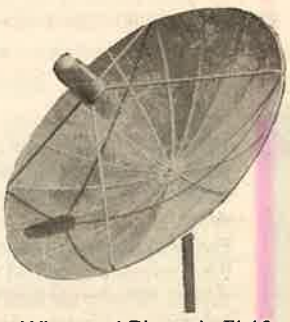
No one makes a better looking, better performing or better quality satellite TV antenna than Winegard Company. A leader in antenna technology for over 30 years, Windgard satellite dishes and mounts are distinctive and unequalled.

C

Winegard Quadstar™ 7.5

PinnacleTM 10' Antenna
Our Pinnacle 10' antenna is Winegard's top-of-the line. Their unique stretch-forming process ensures accurate surface tolerance, producing exceptional reflective efficiency. The patented extruded rib and locking system makes assembly simple and fast. This antenna is simply the best.

D



Winegard Pinnacle ™ 10

Quadstar™ Antennas
Same Winegard quality— lower cost. Using the most advanced technology, Winegard has combined excellent reception with durable construction to create the Quadstar line of antennas. The petals are made of a high-quality, expanded mesh which provides accurate surface tolerance and superior reflectivity for a great picture.

Paraclipse Dish Specifications and Prices:

	SIZE	MODEL	MOUNT	TYPE	F/D RATIO	dB GAIN C-BAND	FOCAL LENGTH	FINISH	POLE SIZE REQUIRED	WT LBS.	SHIPPING UPS	TRK	ITEM NUMBER	S&H	PRICE
A	12.0'	Para Polar T 12 PT	Polar	C/Ku Mesh	.375	42.3	53.00"	Silver	3.5"	305		x	1517011	Call	879
**	12.0'	Para Cog 12 CD	Horiz-Horiz	C/Ku Mesh	.375	42.3	53.00"	Silver#	3.5"	326		x	1517012	Call	1,239
B	14.5'	Islander 14.5	Polar	C/Ku Mesh	.310	43.6	53.00"	Silver#	3.5"	369		x	1517016	Call	1,389
**	14.5'	Para Cog 14.5 CD	Horiz-Horiz	C/Ku Mesh	.310	43.6	53.00"	Silver#	3.5"	421		x	1517015	Call	1,899
**	16.0'	Para Cog 16 Pro	Horiz-Horiz	C/Ku Mesh	.300	44.8	57.00"	Tan	Tower	1,470		x	1517017	Call	5,799

Winegard Dish Specifications and Prices:

	SIZE	MODEL	MOUNT	TYPE	F/D RATIO	dB GAIN C-BAND	FOCAL LENGTH	FINISH	POLE SIZE REQUIRED	WT LBS.	SHIPPING UPS	TRK	ITEM NUMBER	S&H	PRICE
C	7.5'	Quadstar 7.5	Polar	C/Ku Mesh	.35	37.5	31.50"	Smoked Chrome	3.5"	53		x	1531005	Call	$ 339
**	10.0'	Quadstar 10	Polar	C/Ku Mesh	.35	40.0	41.00"	Smoked Chrome	3.5"	78		x	1531001	Call	429
**	10.0'	Quadstar 10 H-H	Horiz-Horiz	C/Ku Mesh	.35	40.0	41.00"	Smoked Chrome	3.5"	88		x	1531002	Call	679
**	10.0'	Pinnacle 10	Polar	Perforated	.278	40.4	33.3"	Smoked Chrome	3.5"	130		x	1531003	Call	779
D	10.0'	Pinnacle 10 H-H	Horiz-Horiz	Perforated	.278	40.4	33.3"	Smoked Chrome	3.5	138		x	1531004	Call	979

#For smoked blue color add: $195 for 12', $225 for 14.5'
ALSO: for stainless steel hardware add: $125 for 12', $220 for 14.5'
**Not shown

DISHES

KTI KAUL—TRONICS, INC.

Install your dish anywhere...
Dish Mount Support Kits

Small size...big performance. KTI antennas are engineered, not just designed!

A

XI-5

ProForm XI-5
Both the ProForm XI-5 and XI-6 compact dishes feature strong internal I-beam rib construction, added structural support and stainless steel mesh retainers for optimum picture quality. The XI-5 comes with the standard Az-El mount, making installation fast and easy. A polar mount, standard on the XI-6, lets you track more than one satellite. If you want quality but not the size, look to either the XI-5 or XI-6.

B

XI-7.5 Plus

ProForm XI-7 Plus II
This antenna features a 3/4", one-piece machined polar pivot and the smallest hole diameter KU mesh design, to optimize performance. Each unit comes with a standard Pro-Form mount recognized for strength, durability and ease of adjustment. This antenna is ideal for both residential and commercial applications.

C

UMK 2.5

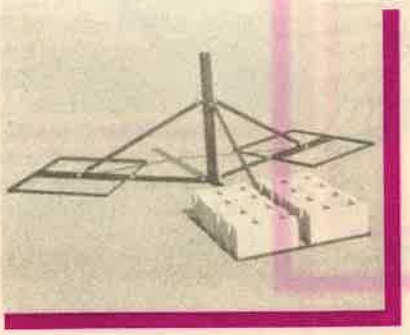
Universal Mount Support Kit
The Universal Mount Kit comes with a 2.5" O.D. Mount Pole for attachment to a vertical wall, pitched or flat roof. 1/4"x4" lag bolts and sealant pads are included for attachment to wood frame construction. This mount is designed for the **XI-5, XI-6**, and other mesh dishes under 6 ft./solid dishes under 5 ft.

D

UMK 3.5

Universal (Heavy Duty) Mount Support Kit
This heavy duty kit comes with a 3.5" O.D. Mount Pole. It has the same mounting versatility as the UMK 2.5, with a stronger mast pipe, larger diameter support legs, and an additional brace leg which increases the structural integrity. Use on: **XI-7** and other mesh dishes under 8 ft/6 ft solid dishes.

E



NPRM 3.5

Non-Penetrating Roof/Patio Mount Supports
These support mounts use weights such as concrete blocks to hold in place. An excellent choice for flat roofs and non-permanent ground/patio installations.

NPRM 2.5 Mount Support (2 1/2" O.D. Pole)
Use this support on the **XI-5, XI-6** and other mesh dishes up to 6 ft/solid dishes up to 5 ft.

NPRM 3.5 Mount Support (3 1/2" O.D. Pole)
Use this H.D support on the **XI-7.5** and other mesh dishes up to 10 ft/solid dishes up to 8 ft.

KTI DISH SPECIFICATIONS AND PRICES:

	SIZE	MODEL	MOUNT	TYPE	F/D RATIO	dB GAIN C-BAND	FOCAL LENGTH	FINISH	POLE SIZE REQUIRED	WT LBS.	SHIPPING UPS	SHIPPING TRK	NUMBER	ITEM S&H	PRICE
A	5.0	PROFORM XI-5	AZ/EL	C/KU	.40	34.8	23.75"	2.5	BLK POWDER	45#	X		1512001	$29	$199
**	5.7	PROFORM XI-6	POLAR	C/KU	.40	35.7	27.25"	2.5	BLK POWDER	60#	X		1512006	35	279
B	7.5	PROFORM XI-7.5+	POLAR	C/KU	.40	34.8	36.12"	3.5	BLK POWDER	105#	X		1512003	50	349

DISH MOUNT SUPPORTS:

C	UMK 2.5	UNIVERSAL MOUNT SUPPORT KIT, WITH 2 1/2" POLE (dish not included)	X	6012001	$19	$ 62.95
D	UMK 3.5	UNIVERSAL MOUNT SUPPORT KIT, WITH 3 1/2" POLE (dish not included)	X	6012004	29	169.95
**	NPRM 2.5	NON-PENETRATING MOUNT SUPPORT KIT, WITH 2.5" POLE	X	6012002	24	89.95
E	NPRM 3.5	NON-PENETRATING MOUNT SUPPORT KIT, WITH 3.5" POLE	X	6012003	35	199.95

**Not Shown

KU-Band Dishes

KU-Band offers numerous unscrambled sports, network, and independent superstation feeds. These dishes provide excellent reception for KU broadcasts.

A

Eagle Offset KU Dish

Eagle's best seller. This antenna is well suited for excellent reception for most all KU broadcasts anywhere in the country. This 3 ft. dish is made from dual sided galvanized steel for long life and includes feed. An excellent dish for homes and small offices, it is perfect for a permanent, yet unobtrusive installation.

B

Aluminum KU Dish

This compact aluminum antenna is ideal for any fixed KU broadcast application. Easy installation, excellent performance, and durable finish make this dish the best choice for KU reception now and for years to come. Look on page 25 for a complete KU system package using this quality fixed antenna.

C

Aluminum KU Dish with Polar Mount

When one satellite just isn't enough, this line of KU antennas is the answer. Utilizing a quality polar mount these 3, 4, 5, and 6 foot dishes will receive a strong signal from any KU satellite. Made from lightweight, non-corrosive aluminum, these dishes are built for years of quality service. A complete KU system package utilizing this antenna can be found on page 25.

C/Ku-Band

Aluminum dishes are specifically designed for the close tolerances required for good Ku-band (11-12GHz) reception.

Polar Tracking Mount Tracks the Entire Satellite Belt. It Uses A Slide or Motorized Arm.

AZ/EL Mount Non-Tracking Mount Used to Watch One Satellite

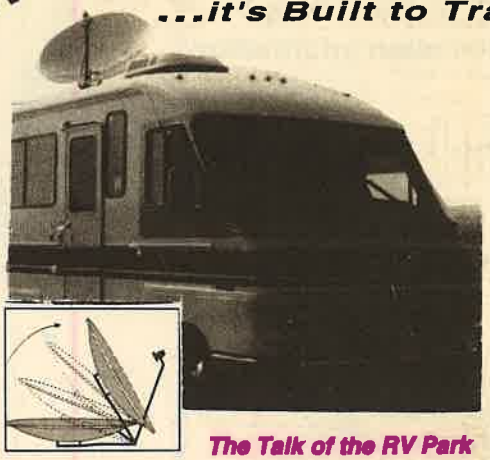
Ring Mount Portable Semi-tracking

KU Dishes

	Model	DISH SIZE	MOUNT TYPE	POLE SIZE	SHIP	ITEM #	S & H	PRICE
A	Offset	3'	AZ/EL	None	UPS	1570002	$19	$199
B	Prime Focus	3'	AZ/EL	1 7/8"	UPS	1500001	19	159
	Prime Focus	3'	Ring	None	UPS	1500003	19	159
C	Prime Focus	3'	Polar	2 3/8"	UPS	1500002	28	179
	Prime Focus	4'	Polar	3"	Trk	1500005	Call	269
	Prime Focus	5'	Polar	3 1/2"	Trk	1500007	Call	299
	Prime Focus	6'	Polar	3 1/2"	Trk	1500008	Call	369

ANTENNAS

The Affordable RV Satellite System ...it's Built to Travel



The Talk of the RV Park

If you own an RV you know what it's like to be out in the middle of nowhere with a TV that barely receives one fuzzy picture. You wonder why you ever left home!

It doesn't have to be that way. RV owners can have it all with an affordable recreational vehicle satellite system. Available in tan or white, the *Improved* ***Affordable RV*** Satellite System is aerodynamically designed. The dish is no higher than your RV's air conditioning unit lying at a low 11.5" in the down position, and can now be located closer to other roof mounted equipment. The 5 ft dia. Best Made antenna is constructed of heavy gauge spun aluminum material so it's lightweight, yet sturdy; and, with a low temp LNB, it plays well throughout the U.S.A. and even into Canada and Mexico. ***Affordable RV*** systems are easy to use. You operate the dish manually from inside your RV with a unique elevation and azimuth control. It is not necessary to park your RV at a certain level or facing a particular direction. Instructions on how to locate a satellite are written in easy to understand language and you can install it yourself with the clear, concise instructions provided. The ***Affordable RV*** Satellite system can run on standard 110v or on 12v DC with an inverter.

Next time you travel, take your TV entertainment along!

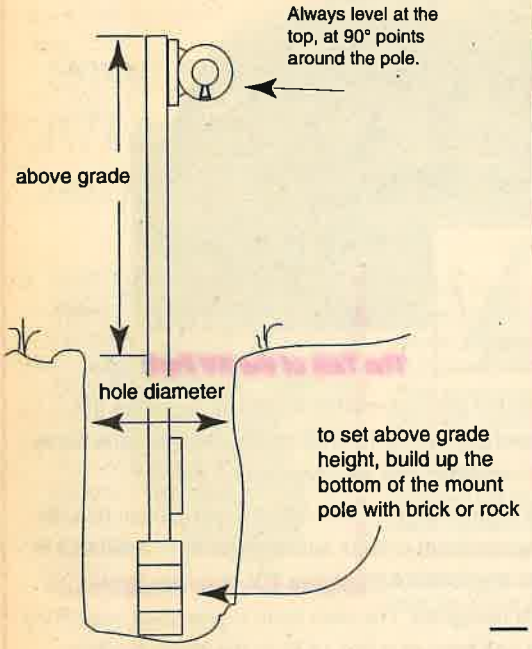
RV Dish System (using your in-home electronics or your choice of other electronics shown in this catalog) (specify color—tan or white)
1500009 S&H Call $999

RV Dish System plus PanSat BR-1100 receiver, 25°LNB, feed and 25' cable kit (no decoder system)
8500005 S&H call $1399

RV Dish System plus Uniden Ultra, Receiver/Decoder with hand remote, 25°LNB, feed and 25' cable kit
8500006 S&H call $1899

MOUNT SUPPORTS

Ground Pole Installation Information


Always level at the top, at 90° points around the pole.
above grade
hole diameter
to set above grade height, build up the bottom of the mount pole with brick or rock

Dish Dia.	8ft. Pole Above Grade	8ft Pole Below Grade	Hole * Depth	Hole Diameter Med.-Hvy Soil	Hole Diameter Sandy - Lt. Soil
6-8 ft	52 in.	44 in.	44 in.	10 in.	12 in.
9 ft.	54 in.	42 in.	44 in.	12 in.	14 in.
10 ft.	58 in.	38 in.	44 in.	16 in.	18 in.
12 ft.	64 in.	32 in.	44 in.	18 in.	22 in.

* Modify for local weather and soil conditions.

Ground Pole Mounting Supports

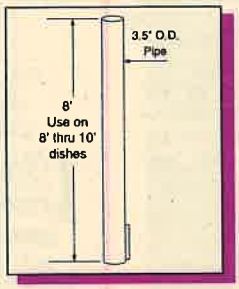
A stable mount and level pole is a must for satellite dish installation. Choose from the ground mounts listed below to maintain exact dish position and accurate reception.

A

EZ Bird Perch

The EZ Bird Perch is a universal stand used to hold and level the pole. It can be used with mesh dishes up to 10' and solid dishes up to 7'. Made from heavy gauge steel tubing, it has been treated for years of rust free protection and durability. The EZ Bird Perch is UPS shippable and can be used in many different satellite installations.

B



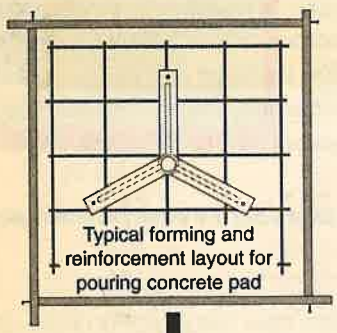
Standard Ground Poles

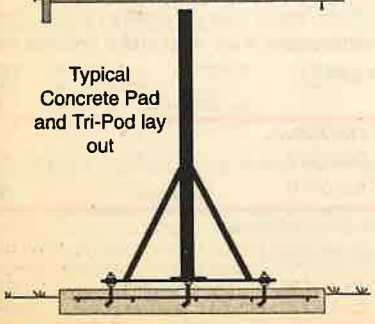
Standard ground poles are used on most satellite installations. Note that only steel pipe, schedule 40 or thicker, should be used for any installation. These paint-primed ground poles are UPS shippable and come in a variety of sizes for the application that is right for you.

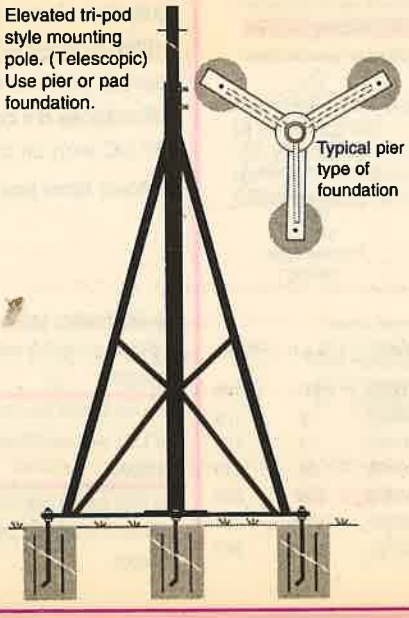
Note: The standard ground pole is used (3 1/2" x 8') on all Skyvision System Packages, with Orbitron dishes and most others. Ask your Skyvision Product Rep. for special application information.

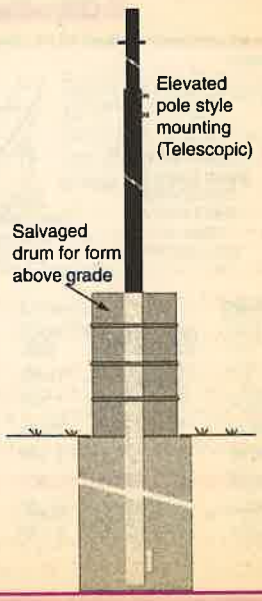
	Ground Mounts	Item #	S&H	Price
A	EZ Bird Perch	6000007	$29	$94.95
B	Skyvision Standard Ground Poles			
	1 7/8" Outside Diameter 6'6" Length	6000012	13	23.95
	2 3/8" Outside Diameter 6'6" Length	6000011	17	29.95
	3 1/2" Outside Diameter 30" Length	6000008	12	19.95
	3 1/2" Outside Diameter 5' Length	6000009	22	39.95
	3 1/2" Outside Diameter 8' Length	6000010	25	45.95

Some Examples Of Dish Mounting Supports that You Can Build Yourself







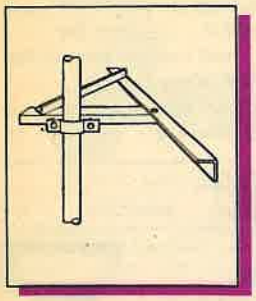


MOUNT SUPPORTS

Roof & Wall Mount Supports

One of the most critical parts of any antenna installation is the support structure. Choose the mount that fits your antenna and installation needs.

A



Model PSM
Pole Support Mount

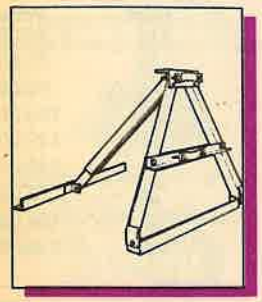
Mounted to the side or end of the house in a one-step installation, this mount is capable of receiving mounting poles up to 5" O.D. Will support most TVRO antennas, when applied according to Rohn specifications. Most installations require two units.

D

Model PWM
Pole Wall Mount

Designed to support small aperature satellite antennas, the Rohn PWM is ideal for 4' - 7' antennas. With the use of a 5' - 7' length pipe, it can be located so antenna and electronics can be easily reached. The pipe distance from wall adjusts as needed. Accepts up to a 5 1/2" O.D. pipe.

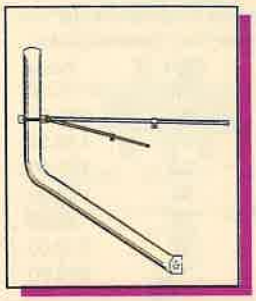
B



Model URM
Universal Roof Mount

This mount adapts to various roof pitches. The fully-adjustable rear leg allows for use on a flat or up to a 12"/12" pitched roof. Accepts up to a 5" O.D. pipe and is capable of supporting most satellite dishes. It will enhance your installation for years to come.

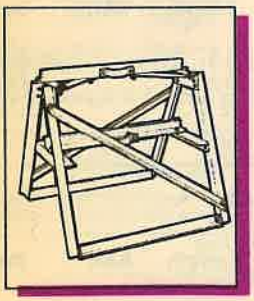
E



KTI Universal Mounts
Roof/Wall Mount

With KTI's 2 universal mounts, antenna placement is now easier than ever. The standard kit uses a 2.5" O.D. mount pole and the heavy duty kit uses a 3.5" O.D. pole. The standard mount is designed for lightweight dishes and the heavy duty mount for heavier antennas.

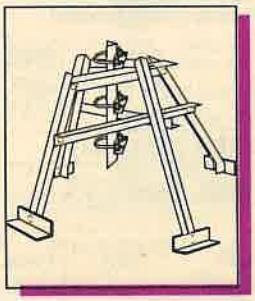
C



Heavy Duty Model SHRM
Saw Horse Roof Mount

Application of this mount allows for placement on peaks or flat roofs, SHRM will adjust from a flat roof installation to any pitched roof up to 12"/12". Capable of receiving poles up to 5" O.D., the SHRM is constructed of heavy angle material to support most satellite dishes.

F



Heavy Duty Pro Mount
All Aluminum

Made of light, high strength, aircraft aluminum, this heavy duty mount is the ultimate in roof mounts. It supports up to 12' dishes in flat or peaked roof applications and is engineer certified. Equal spacing of the legs provides even distribution of weight. Very strong, very light.

	Roof & Wall Mounts	Item #	S&H	Price
A	Model PSM Pole Support Mount - *Mount to the side or end of the house*			
	Single Unit - *Use with concrete base*	6021001	$19	$79.95
	Two Units - *No base required*	6021005	25	159.95
B	Model URM Universal Roof Mount - *Adapts to various roof pitches, accepts up to 5" O.D. pipe*	6021004	28	179.95
C	Model SHRM Saw Horse Roof Mount - *For use on peaks or flat roofs, uses poles up to 5" O.D.*	6021003	33	214.95
D	Model PWM Pole Wall Mount - *Ideal for 4' - 7' dishes, accepts up to a 5 1/2" O.D. pipe*	6021002	31	219.95
E	KTI Universal Roof/ Wall Mount - *Easy installation! 2 mounts to choose from*			
	With 2.5" O.D. Mount Pole (Standard Mount Kit)	6012001	19	62.95
	With 3.5" O.D. Mount Pole (Heavy Duty)	6012004	29	169.95
F	Pro Mount Aluminum Horse - *Heavy duty roof mount supports up to 12' dishes; engineer certified*	6000006	29	229.95
	Other Mounts (Described and pictured on page 30)			
	KTI Non-Penetrating Roof Mount - *Designed for up to 7.5" dishes.*			
	With 2.5" O.D. Mount Pole (Standard Mount Kit)	6012002	24	89.95
	With 3.5" O.D. Mount Pole (Heavy Duty)	6012003	34	199.95

CABLE

RIBBON CABLE TO COMPLETE YOUR SYSTEM

IMPORTANT!

HOW MUCH CABLE DO YOU NEED? Order cable to the length required for your location. To determine the length required: the distance from the T.V. set to your outside wall is _____ feet; the distance from this point to the dish is _____ feet; from the base of the dish to the feed, you will need **15** feet = TOTAL Required _____ feet.(Remember to add for the verticals. Do NOT short yourself on cable, splicing does cause some signal loss.)

CABLE PACKAGE • PLUS INSTALLATION KIT (All in One Cable)

TO COMPLETE A NEW SYSTEM
CABLE-INSTALLATION PACKAGE

INCLUDES: Cable as described **below (under cable package)** plus: LNB weather cover, bellows-boot (jack arm weather cover), 3 outlet surge protector, magnetic protractor aiming tool (angle finder), cable connector kit, 6' RG–59 coax jump cable, coax crimp tool, aiming data sheet (with computerized coordinates for your location), and Frank Baylin's book-"*Install, Aim and Repair Your Satellite System.*"

Item #	Length	S&H	Price
2000002	100'	$19	$105.00
2000003	125'	22	121.00
2000004	150'	27	136.00
2000005	175'	30	152.00
2000006	200'	32	168.00
2000007	250'	35	193.00
2000008	300'	37	218.00
2000009	350'	39	239.00

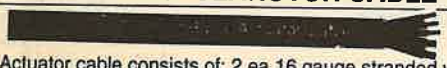
CABLE PACKAGE (All in One Cable)

TO UPGRADE A SYSTEM

INCLUDES: Cable and cable fitting pak.
Cable description: 3 conductor-20 gauge stranded for Polarotor, 2 conductor-16 gauge stranded for Actuator power, 2 conductor-22 gauge stranded plus bare wire for actuator sensor, 2 RG-6 swept tested coax, one for C-band, one for Ku-band.

Item #	Length	S&H	Price
2000100	100'	$16	$ 59.00
2000125	125'	21	75.00
2000150	150'	24	89.00
2000175	175'	29	105.00
2000200	200'	30	118.00
2000250	250'	32	146.00
2000300	300'	36	172.00
2000350	350'	38	194.00
Lengths over 1,000 ft		call	57¢ per ft

ACTUATOR/POLAROTOR CABLE



Direct burial Actuator cable consists of: 2 ea 16 gauge stranded wire for Actuator power, 3 conductor-20 gauge stranded wire plus bare drain wire for sensor. Direct Burial Polarotor Cable consists of three 20-guage stranded wires in a shielded cable.

Item #	Description	Length	S&H	Price
2000010	Actuator Cable	(cut to length)	Call	$ .28/ft.
2000058	Polarotor Cable	(cut to length)	Call	$ .12/ft

DUAL STEREO CABLE

Item #	Description	Length	S&H	Price
2000024	Dual RCA to RCA(color coded)	3 ft.	*	$2.67 ea.
2000025	Dual RCA to RCA(color coded)	6 ft.	*	2.87 ea.
2000026	Dual RCA to RCA(color coded)	12 ft.	*	3.57 ea.

CO-AXIAL CABLE & ASSEMBLIES (75 OHM)

Item #	Description	Length	S&H	Price
2000012	RG-6	(cut to length)	Call	$.19/ft.
2000013	RG-6	(1,000 ft.)	$22	$140.00
2000014	RG-59	(cut to length)	Call	$.16/ft.
2000015	RG-59	(1,000 ft.)	$21	$110.00
2000016	RG-59 w/F to F connectors	3 ft.	*	1.37 ea.
2000017	RG-59 w/F to F connectors	6 ft.	*	1.57 ea.
2000018	RG-59 w/F to F connectors	12 ft.	*	2.27 ea.
2000019	RG-59 w/F to F connectors	25 ft.	*	3.87 ea.
2000020	RG-59 w/F to F connectors	50 ft.	*	7.67 ea.

AUDIO CABLES

Item #	Description	Length	S&H	Price
2000028	RCA to RCA(shielded)	6 ft.	*	$1.97 ea.
2000029	RCA to RCA(shielded)	12 ft.	*	2.47 ea.

VIDEO CABLES (75 OHM)

Item #	Description		Length	S&H	Price
2000031	RCA to RCA	(75 OHM)	3 ft.	*	$2.77 ea.
2000032	RCA to RCA	(75 OHM)	6 ft.	*	3.47 ea.
2000033	RCA to RCA	(75 OHM)	12 ft.	*	4.77 ea.

SATELLITE Hi-Freq. JUMP CABLES

Connects Downconverter to LNA (Commercial or older systems)

Item #	Description	Length	S&H	Price
2000021	RG-213 w/N to N connectors	1 ft.	*	$13.97 ea.
2000022	RG-213 w/N to N connectors	10 ft.	*	17.97 ea.
2000023	RG-213 w/N to N connectors	15 ft.	*	21.97 ea.

"Y" AUDIO ADAPTORS

2 RCA Male plugs to RCA Female jack

Stereo RCA Male plug to 2 RCA Female jacks

Item #	Description	S&H	Price
2000040	Stereo RCA Plug to 2 RCA Jacks "Y" Adaptor	*	$2.77 ea.
2000041	2 RCA Plugs to RCA "Y" Adaptor Jack	*	3.47 ea.

SKYVISION'S Minimum purchase policy is $20.00 plus shipping & handling on (*) marked items; Please combine your purchase to reach this minimum.

*** One $5 S&H charge applies for up to six assorted items (not including items with a S&H charge shown) on this page if marked with (S&H $*).**

Shipping and handling charges reduced on multiple purchases.

YOUR SATISFACTION IS 100% GUARANTEED!

SPLITTERS • SWITCHES • LINE AMPLIFIERS • CONNECTORS

CABLE ACCESSORIES AND TOOLS

Flick a Switch to Change Signal Source from Satellite Receiver, Antenna, Cable, VCR, Etc.

Infrared A/B switcher.
Switch from VCR to IRD or IRD to laser disc by remote control. LED display. Remote control included.

7500013 (S&H $*) $43.95

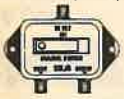
In-Line-Amplifier
High frequency block converted satellite systems.20db Gain. Passes DC through for powering LNBs (LNAs with separate block downs only) Use at dish and in line on long run of cable.

3000018 (S&H $*) $24.87

Video Control Center
Application: For complete control of your home entertainment system. Hook up your choice of Satellite,TV Antenna,Cable TV, Game,VCR, etc. (5 Inputs – 3 outputs.) Just press a button.

3000022 (S&H $5.00) $44.77

A/B Switch
2 – 75 OHM inputs to 1 – 75 OHM output
Slide a switch for quick selection of your choice of Satellite, TV Antenna, VCR, Games, etc.



3000011 (S&H $*) $3.47

A/B Switch
1-75 OHM in,1-300 OHM in, 1-300 OHM out
Slide a switch for quick selection of your choice of Satellite, TV Antenna, VCR, Games, etc.

3000012 (S&H $*) $3.47

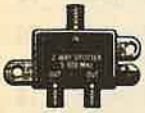
Attenuator
70 - 1750 MHz 10db value
Use on short cable runs...Some of the late model IRDs may overdrive signal (washed out, sparkles, etc.)

3000023 (S&H $*) $19.95

A/B/C Switch
3-75 OHM in, 1-75 OHM out
Push button switch allows you to select any one of 3 incoming signals.

3000015 (S&H $*) $7.47

"2" way Splitter
UHF/VHF/FM 5-900 Mhz
Split signal out of receiver to 2 TV sets

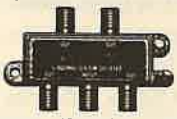


3000001 (S&H $*) $1.97

"3" way Splitter
UHF/VHF/FM 5-900 Mhz
Split signal out of receiver to 3 TV sets

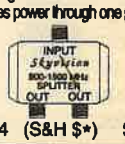
3000002 (S&H $*) $2.97

"4" way Splitter
UHF/VHF/FM 5-900 Mhz
Split signal out of receiver to 4 TV sets



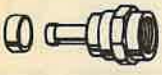
3000003 (S&H $*) $3.67

"2" way High Frequency Splitter
900-1500 Mhz
Used to split signal from LNB to multi-receivers. Passes power through one port,



3000004 (S&H $*) $10.87

RG 59 F Connector



2000042 (S&H $*) Package of 6 $2.37
2000043 (S&H $*) Package of 100 $16.87

F to F Female In Line Splice

2000046 (S&H $*) Package of 2 $1.67
2000047 (S&H $*) Package of 20 $13.87

F -Female to F-Male Right Angle

2000048 (S&H $*) Package of 2 $2.37
2000049 (S&H $*) Package of 10 $8.47

"4" way High Frequency Splitter
900-1500 Mhz
Used to split signal from LNB to multi- receivers. Passes power through one port,

3000005 (S&H $*) $21.87

RG 6 F Connector

2000044 (S&H $*) Package of 6 $2.77
2000045 (S&H $*) Package of 100 $22.67

F to F Double Male Splice

2000050 (S&H $*) Package of 2 $2.47
2000051 (S&H $*) Package of 10 $9.27

75 OHM input UHF/VHF/FM Band Separator

3000020 (S&H $*) each $2.67
3000021 (S&H $*) Package of 5 $9.47

Satellite Ribbon Cable Wall Plate
Designed for satellite cable • Provides a neat, clean finish • A must for any home installation.

3000024 (S&H $*) $3.57
10 or more - ea. 3.05

RCA Female to F male Adapter

2000052 (S&H $*) Package of 2 $2.97
2000053 (S&H $*) Package of 10 $10.47

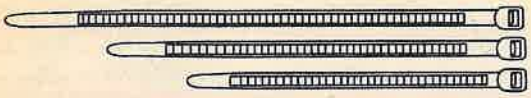
F-Female to RCA Male Adapter

2000054 (S&H $*) Package of 2 $2.27
2000055 (S&H $*) Package of 10 $7.47

300 to 75 Push on Matching Transformer

3000016 (S&H $*) Package of 2 $1.97
3000017 (S&H $*) Package of 5 $3.87

Self Locking Cable Ties



Item #	Length	Tensile Strength	S&H	Price per pack of: 15	25	50	100	1000
2500070	5 1/2"	28 lb.	$*	–	–	$1.77	$2.97	$23.97
2500075	7 3/4"	48 lb.	$*	–	$1.47	–	$3.87	$27.75
2500080	11"	48 lb.	$*	$1.87	–	–	$6.87	–
2500085	14"	48 lb.	$*	$2.37	–	$4.97	–	–

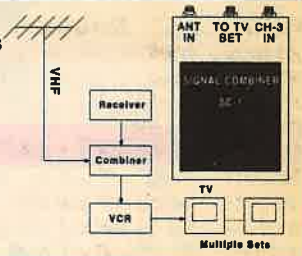
CHANNEL COMBINER

ELIMINATE HAND OPERATED A/B SWITCHES

- Multi-TV set operation without the use of high isolation A/B switches.
- Allows simultaneous recording and viewing of premium channels and off air signals without elaborate switching.

3000075 Channel 3 and VHF Ant. IN
3000076 Channel 4 and VHF Ant. IN
(S&H $5) $19.95

Also see: Channel Plus, page 42 and Wireless Broadcast, page 48.



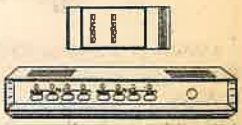
3M Scotch Locks Wire Connectors.
Self-stripping, insulated and moisture resistant, 2 or 3 wire. Ideal for sensor & polarity wires

2500061 100 pcs.....(S&H $*).....$16.95

No More Cable Wet Outs Use Co-Ax Seal
(1/2"W x 60"L)
Hand moldable plastic, seals coax fittings. Use above and below grade.

2000039.....(S&H $*).....$4.75

Infrared Video Command Center
Controls up to 4 video sources by remote control. View one station, record another and transmit the recording to another television all at the same time. LED front panel display.
(Not exactly as shown)



7500014 .....(S&H $6).....$95.95

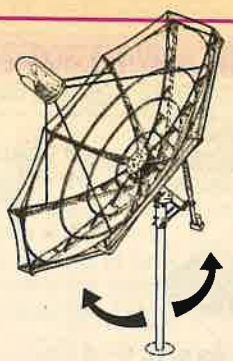
SKYVISION'S Minimum purchase policy is $20.00 plus shipping & handling; Please combine your purchase to reach the minimum.

*** One $5.00 S&H charge applies up to six assorted items (2 pac, 20 pac, etc.) on this page if marked with (S&H $*)**

Shipping and handling reduced on multiple purchases.

ACTUATORS and Accessories

Keep It Moving!



24" Superjack XL

Ajak 180 Horizon-to-Horizon

REPLACEMENT ACTUATOR (JACK ARM AND MOTOR or H-H)

Item # S&H Price

Stroke Length

Note: When measuring actuator stroke, remember that the overall tube length is 5 to 6 inches longer than the stroke.

18" Superjack II - acme, with built in limits, reed sensor	1019018	$15	$ 89
24" Superjack XL - with built in limits, reed sensor *(Our most popular actuator.)*	1019025	16	139
24" Superjack II XL Ball - with reed sensor and built in limits *(Extra power.)*	1019024	16	159
36" Superjack XL Heavy Duty - limits, reed, ball screw, *(Powerful 1,500lb thrust)*	1019036	22	239
52" Superjack, with reed sensor and built in limits	1019052	25	299
18" Venture acme, built in limits, reed sensor	1010018	15	99
24" Venture acme, built in limits, reed sensor	1010024	16	129
18" Skylighter Gold - ball screw, reed, limits. *(SPEED! !Twice as fast as any other actuator)*	1010017	16	129
24" Von Weise, with limits, 10K pot *(used on older Channel Master & Drake)*	1030025	16	169
24" Von Weise acme, built in limits, reed sensor	1030024	16	149
18" Thomson Saginaw ball screw, with reed sensor & bellows	1025018	16	169
24" Thomson Saginaw ball screw, with reed sensor & bellows	1025024	16	179
36" Thomson Saginaw ball screw, with reed sensor & bellows	1025036	19	249
Mini 90U Supermount Motorized Horizon to Horizon *(use on 3ft and smaller dishes)*	1019005	26	169
Ajak 180 Heavy duty Motorized Horizon to Horizon for Orbitron 10ft. and 12ft.. dishes	1001004	48	339
Ajak Aimer Motorized Horizon to Horizon for Orbitron SX/7 and SX/8.5 dishes	1001003	35	279

ANTENNA POSITIONER (PROGRAMMABLE CONTROLLERS)

Item # S&H Price

Aspen Eagle SAC-1000 Controller

Pansat AP 3500 Controller

Aspen Eagle SAC-1000 Positioner, Reed & some opto., 110V and 220V AC. (See page 24)	1019004	$12	179
Pansat AP 3500 Positioner, Reed sensor, 110V AC (See page 24)	1015002	12	175

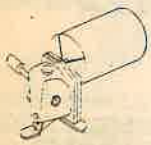
REPLACEMENT - JACK ARM or MOTOR

Item # S&H Price

Arm

Motor

Slide Arm



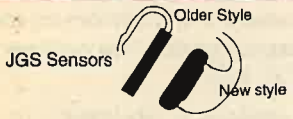
BIRDVIEW Replacement motor & gear reduction

Birdview Replacement motor, gearbox & coupler (70-1 ratio)	1000009	$10	$159
Venture/Thompson Saginaw, Replacement motor and gear box, reed sensor equipped	1025003	7	98
18" Thomson Saginaw, Replacement arm, ball screw, & with bellows	1025002	8	98
24" Thomson Saginaw, Replacement arm, ball screw, & with bellows	1025004	9	119
36" Thomson Saginaw, Replacement arm, ball screw, & with bellows	1025005	11	159
Slide arm (non-motorized) with hand turn set screw. *Track the satellites fast and inexpensively*	1000006	9	39

ARM, MOTOR and LNB WEATHERIZATION

	Item #	Ship./Hand	Price
A. 18" accordion bellows boot arm weather cover	1000001	$ 5	$18.95
24" accordion bellows boot arm weather cover	1000003	5	22.95
36" accordion bellows boot arm weather cover	1000004	5	39.95
52" accordion bellows boot arm weather cover	1000005	6	59.50
B. JGS motor weather cover	1011001	5	22.95
C. Super Jack motor weather cover (small size)	1019001	5	22.95
D. Saginaw type motor down weather cover	1025006	5	22.95
E. Saginaw type motor up weather cover	1025007	5	22.95
F. LNB feed cover	3514001	7	19.95

SENSOR REPLACEMENT



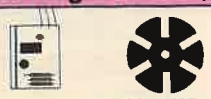
Von Weise Sensor

Saginaw Sensor

Reed to fit JGS (older style with red wires)	1011002	$ 5	$14.87
Reed to fit JGS (new style with white wires)	1011003	5	14.87
Reed to fit Superjack II (not shown)	1019002	5	14.87
Reed to fit Saginaw (old style screw-in)	1025008	5	14.87
Reed to fit Von Weise	1030001	5	14.87
Reed to fit Venture, later HTS & Saginaw "Super Sensor"	1019003	5	14.87
Reed to fit Ajak Horizon to Horizon (not shown)	1001005	5	14.87
Birdview Reed Sensor (not shown)	1000022	5	25.87
1k 10 Turn Pot (not shown)	1000016	5	25.87
5k 10 Turn Pot (not shown)	1000017	5	25.87
10k 10 Turn Pot (not shown)	1000018	5	25.87

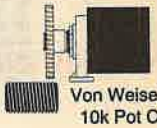
REED CONVERSION KITS Include magnet wheel, reed switch & holder

Von Weise & Uniden 705
Reed Conversion Kit



Von Weise & Uniden 705
Optic Sensor Kit

Older Saginaw
Reed Conversion Kit



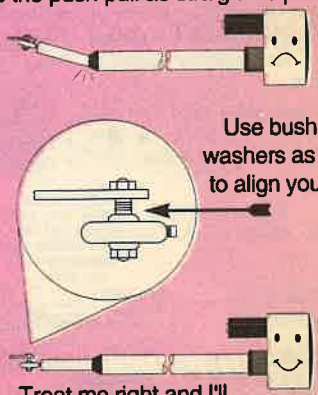
Von Weise & Uniden 705
10k Pot Conversion Kit

Reed Conversion Kit to fit Saginaw	1000013	$ 5	$34.87
Reed Conversion Kit to fit Uniden 705 and Von Weise	1000014	5	34.87
Optic Conversion Kit to fit Uniden 705 and Von Weise	1000012	5	34.87
10k Pot Conversion Kit to fit Uniden 705 and Von Weise	1000015	5	34.87
Birdview Reed Conversion Kit (not shown)	1000031	5	59.95

ACTUATOR TO CONTROLLER CROSS REFERENCE

MANUFACTURER	RECEIVER CONTROLLER	ACTUATOR SENSOR
Actuator Control Tech	All	10k pot
American Microcon	All	10k pot
Arcfinder	All	5k pot
Automation Techniques	All	10k pot
Basic	Most	Reed
Beachcraft	All	10k pot
Boman	All	10k pot
Channel Master	All	10k pot
Channel Master-IRD	All	Reed
Drake	All	10k pot
Drake-IRD	All	All Types
DX	All	Reed
Echostar	All	Reed
Electronhome	All	10k pot
Equus	All	Reed
Focal	All	Reed
Focii	All	10k pot
General Instrument	All	10k pot
General Instrument-IRD	All	Reed
Gentek	All	10k pot
Gillespe	All	10k pot
Houston Tracker	Early	1k pot
Houston Tracker	Some	Reed
Houston Tracker-IRD	All	Reed
Hytek, T.D.F.	All	Reed
Innovative C.E.	Echo	Reed
Janell	Most	1k pot
Janell	Some	Reed
Kenwood	All	Reed
Laux	All	10k pot
Luxor	All	Reed
M/A-COM	All	Reed
Norsat	All	Reed
Panasonic	All	Reed
Pentec/MTI	All	Reed
ProSat	All	1k pot
Probrand	2200	1k pot
Probrand	2500	Reed
Regency	All	Reed
S.T.S.	All	Reed
Satstar	All	Reed
Sat-Trax	All	Reed
Scanner	All	Reed
Scientific Atlanta	All	10k pot
Sky-Touch	All	Reed
Spectrum	All	Reed
Tee-Com	Most	Reed
Tee-Com	Some	1k pot
Toki	All	10k pot
Toshiba	All	Reed
Uniden	All	Reed
Wesbar	All	10k pot
Wheatfields	All	10k pot

Proper Alignment is important to protect your arm from overload and side forces. Keep the push-pull as straight as possible



Shipping and handling reduced on multiple purchases.

TOOLS

Bulz I T.V.D.L. 200 Test Center

ALL IN ONE - RECEIVER - TV - ACTUATOR - POWER SUPPLY

"ADD $$$ OF PROFIT" TO YOUR INSTALLATIONS & SERVICE CALLS WITH THIS NEW TOOL

Installers! Tired of dragging that new IRD and television out to the dish every time you install or peak a system? This can be especially frustrating when the dish is mounted on a roof. Try the "ultimate" in TVRO installation tools, the new Bulz-I TVDL 200 Test Center and make your job a lot easier. This new test center has only recently become available and already our Skyvision technicians say they wouldn't be without it. This complete, self-contained test center, will make the installation and peaking of a satellite TV system faster than ever before. Requires 24-volt power supply.

This new test center includes a 3" LCD color television for monitoring at the dish. The TV is removable via a thumb wheel and features a hood to prevent glare. Absolutely everything you need for alignment and tuning procedures are contained in this unit. Features include an audio amplifier for satellite audio and visual tuning, a C/Ku satellite receiver with memory, baseband out for connecting a descrambler, a polarity tester for servo motors, skew control, video fine tune and audio tuning. This unit also offers a full-featured remote control that allows you to activate all of the features included in the Bulz-I 200 Test Center.

This portable unit will pay for itself in no time, with faster installations and peaking. Your servicemen can handle more jobs every day, meaning more profits. So get the test center that has everything you need to do the complete job. This lightweight unit comes in a hard shell carrying case for ease of mobility. Trust the name that says it all...Bulz-I.

BULZ-I Test Center **9000006** **S&H $25** **$959.00**
(including hard shell carrying case)

Optional BULZ-I-Dish Mover **9000003** **S&H $19** **$179.00**
(including 24V power supply)

The Handiest New Tool Around!

For the Professional and the Novice

Bulz-I Dish Mover

The BULZ - I - Dish Mover allows you to track/align your dish with the satellite belt without any other power source at the dish location. It has its own built in 24 volt rechargeable power supply. It also has a reed switch testing circuit that will identify a defect in your mover sensing circuit should one exist. You may also power up your LNB/LNA and a signal meter such as the BULZ-I-METER or Pico Peaker meter. (see page 39)

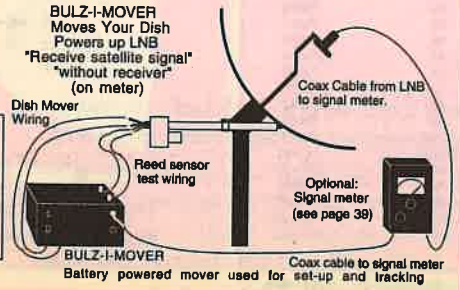
When The BULZ-I-DISH MOVER is used in conjunction with a signal meter, it eliminates the need of running out 110V AC power and setting up your TV, Receiver/IRD at the dish. Or the running back and forth when attempting to track the belt with the electronics at the entertainment center.

Charge with automotive trickle charger or via cigarette lighter in your vehicle.

A great versatile tool for the professional installer or the discerning do-it-yourselfer.

Features:

- Rechargeable 24v DC power supply for mover
- Reed testing circuit
- F-fitting to power up LNB and signal meter
- "East-West" toggle switch
- Motor and LNB line fused (3 amp & 1 amp)
- Optional Cigarette lighter charge cable



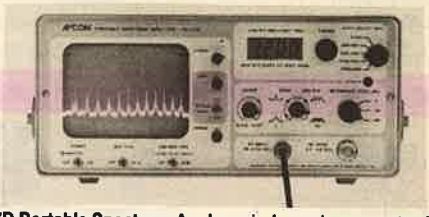
Battery powered mover used for set-up and tracking

Bulz-I-Dish Mover
#9000003
S&H $19 $179.00

Optional lighter adapter
#9000004 $10.00

AVCOM PSA-37D

Portable Spectrum Analyzer



The **PSA-37D Portable Spectrum Analyzer** is Avcom's answer to all your installation, downlink, and maintenance problems. Frequency coverage is from 10 to over 1750 MHz, and from 3.7 to 4.2 GHz in 5 bands. Frequency readout is shown in MHz on a four digit front panel display. The New digital readout allows fast, easy, and accurate operation of your **Avcom PSA-37D**.

The **PSA-37D** has a built in DC block with +18VDC for powering LNA's and BDC's, calibrated signal strength amplitude display and internal battery with charger. Selectable vertical sensitivity of either 2dB or 10dB/DIV is standard. The portable battery or line operated PSA-37D with digital frequency readout is ideal for field test situations and is the perfect instrument for the critical alignment and tracking measurements necessary for maximum signal reception.

PSA-37D Spectrum Analyzer
9000021 **S&H $18** **$2495.00**

Global Communications Inc.

GS-1000 Portable Spectrum Analyzer

GS-1000 Portable

The GS-1000 Spectrum Analyzer performs all the functions you need for professional installations. The GS-1000's supertwist LCD display and shockproof design makes it tough enough for everyday on-sight use. Because the GS-1000 has a rechargeable sealed lead acid battery pack, all that is needed for a site survey is a GS-1000 and an LNB. No more power cords or heavy equipment.

APPLICATIONS:

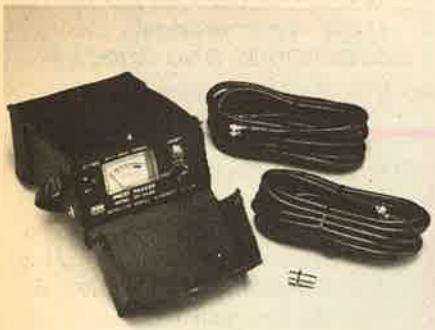
- Site Survey
- System trouble shooting
- Dish Alignment
- T.I. Analysis

Portable Spectrum Analyzer **9000020** **S&H $16** **$1795.00**

Tune Your Dish To Its Maximum!

...And At a Very Affordable Price

Pico Peaker



Accurately aim your dish to receive **all** the satellites with the tool the experts use. This time-saving device is a must for the serious dish owner. If you are installing a new system, moving your dish to a new location, realigning your dish due to wind or frost and looking for the best possible picture, the Pico Peaker is the answer!

A super sensitive signal meter used for antenna aiming and polarity alignment, the Pico Peaker can be used on any receiver system with block down-converted frequencies between 400 and 1450 MHz. This unit includes everything you need, even the cables. Saving money and eliminating expensive service calls makes this an indispensible tool for the satellite enthusiast.

9000038 Pico Peaker .....S&H $5..... **$89.95**

C⊕MPASSES

Suunto A-1000 Compass

Guaranteed compass with magnetized steel needle, tungsten jewel bearing. Dial reads in 2° increments.

A-1000 Compass
9000012 S&H $5.00 $11.95

Suunto Compass/Inclinometer #15CL

Compass and inclinometer in one, with sighting mirror for 1° accuracy. Has rotating capsule, sight line and adjusting screw for declination readings. Azimuth and quadrant scale.

Compass/Inclinometer
9000013 S&H $5.00 $44.95

Professional Compass

View-through, ABS plastic body, high quality instrument features rapid settling time. Accurate to 1/2°, dial reads 0 to 360 degrees. Precision designed for the professional.

Professional Compass
9000014 S&H $5.00 $69.95

PG-762 Pulse Generator

TOOLS

This easy to operate receiver and servo tester provides accurate pulse to check servo motor movement; checks receiver for proper pulse and LNB power; tests capable for servo pulse and LNB power and assures accurate setting of feedhorn probe.

Features:

- ✔ Digital Millisecond Pulse Readout
- ✔ Control knob for variable pulse adjustment
- ✔ Vertical and horizontal pulse indicator
- ✔ Quick connect and disconnect for motor and receiver
- ✔ Rocker switch for ON/OFF
- ✔ Rocker switch for servo motor to receiver test function
- ✔ Self contained battery operation
- ✔ Simple to load battery box
- ✔ Operates any servo motor requiring 4.5 to 6 volt power
- ✔ LED Indicator to show LNB Power
- ✔ "F" connector to easily attach cable for LNB test
- ✔ High Impact plastic and metal case

Precision Pulse Generator
9000019 S&H $6.00 $69.95

BULZ-I-METER V with Audio

Satellite Tuning Meter - 70MHz to 1.5 GHz
Single and Block Conversion

All the features of the Pico Peaker meter plus:

It will work on older single conversion receivers and has easy to read illuminated meter face. Powered by coax, no batteries required.

Pico Peaker (left) or the Bulz I —*a must for Ku-band tuning.*

9000002 meter & audio (inc. cables) **S&H $6.....$159.95**

Laser Focus Finder.

Satellite owners! For best picture performance, the feed must be centered. This small, portable tool targets the center of the dish with a beam of red laser light. You will find many uses for the detachable pen, including use as a teaching aid.

Laser Pen with Attachments
9000018 S&H $8.00 $279.95

Fits all feed supports, except buttonhook.

C & Ku-Band Focus Finder

Find the focal distance and center your feed properly. This telescopic tube (to 60") fits most popular feeds, and works on all feed supports except buttonhook.

Feed Centering Tool
9000017 S&H $8.00 $49.95

VOM Multitester

Save time and simplify troubleshooting on your satellite system. The Volt/Ohm tester is ideal for the Do-It-Yourselfer, technicians and students. It's easy to use and inexpensive.

Diagnose the problem yourself with VOM.
9000011 S&H $5.00 $12.95

TOOLS And Accessories

Tools & Accessories

Allow us to assist with installation, tuning and alignment of your satellite system.

Skyvision offers accessories and specialized tools for the do-it-yourselfer.

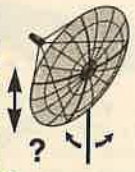
Skyvision's *Exclusive* Tune-Up Kit

The Do-It-Yourselfer's Kit that the Pros Use

This kit contains everything you need to tune your dish like a professional: The Pico Peaker, Protractor Aiming Tool, Jump Cable Kit, Skyvision's *Exclusive* Aiming Data Sheet and ***Five Easy Steps.*** As an added bonus, we'll throw in a **FREE** Skyvision Cap so you will even look like a pro.

9000036 Skyvision Tune-up Kit S&H $9 $113.95

The Famous Skyvision *"Five Easy Steps To Alignment"* Plus Sight Coordinates For Your Location



Finding all the satellites need not be a problem! We'll rush you up-to-date computerized aiming coordinates for your specific area including elevation and azimuth readings. We will also send you "The Five Easy Steps" on tracking the satellite belt. A collaboration of the experience and expertise of our staff, "The Five Easy Steps" includes helpful hints, technical tips, placement and use of tools, as well as exact readings for your area. Tracking the satellite belt is explained in a step-by-step process which is easy to understand and follow. All we need from you is your latitude and longitude or distance and direction to closest major city. This item can be faxed to you.

6500003 Five Easy Steps/Aiming Data $10.95

(Canadian customers, add $2.50 S&H. International customers, add $6.75 S&H.)

Ultra-Accurate

Protractor Aiming Tools

Standard Protractor

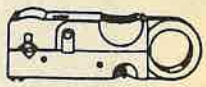
Use it for the site check and to aim your dish.

This is the alignment tool that our installers use and the tool we used in the Skyvision Installation Video. It's the only aiming tool you'll need. Comes with a magnetic base for hands free reading and easy reading dial with adjustable pointer.

9000010	Std. Protractor	S&H $5	$14.95
9000033	Deluxe Protractor	S&H $5	18.95

Coax Stripper

Get a perfect fit every time. For Standard & Teflon RG-6 & RG-59 Two premium blades make two extremely accurate cuts in a single motion. Saves time and cable.



Coax Stripper

2500057 Coax Stripper S&H $5 $24.87

Crimping Tool

For use on RG-6 , RG-59 Coaxial Connectors rugged design, precision crimp.

Standard Crimp Tool

Deluxe Hex Tool

2500058	Standard Crimp Tool	S&H $5	$12.87
2500059	Deluxe Crimp Tool	S&H 5	24.87

Skyvision Cable Tool and Fitting Kit *Save $$*

This kit includes both the Coax Stripper #2500057 and the standard Crimp Tool # 2500058, along with 12 each RG-6 and 12 each RG-59 F-connectors.

Coax Stripper

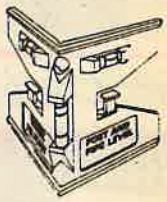
Crimp Tool

RG-59 & RG-6 F Conn.

9000035 Skyvision Cable Tool Kit S&H $5 $35.95

Magnetic Post Level

The ideal tool for leveling ground poles, roof mounts, wall mounts or even fence or deck posts. Works well on both square and round posts. This is the only level that checks plumb on all sides of the post without moving the level. Perfect for the satellite dish or any other leveling tasks.

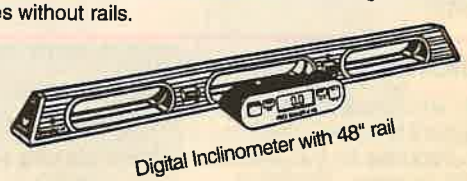


Magnetic 2-Way Level

9000034 Post Level S&H $5 $9.95

Smart Level Digital Inclinometer

Digital read-out spanning 360°. Accurate to 0.1°. Reads degrees of slope, percent of slope, inches per foot (pitch) and view electronically simulated bubble display from distance of 10'. Large LCD display. Main Unit comes without rails.



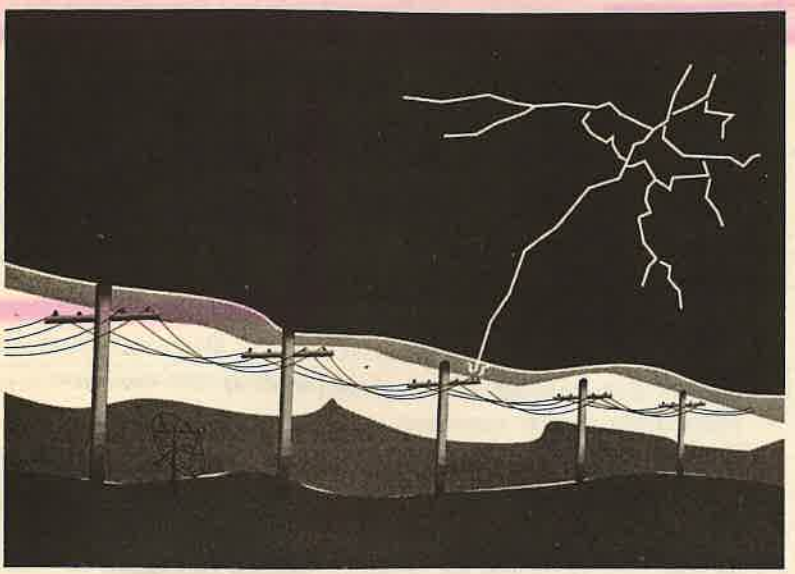
Digital Inclinometer with 48" rail

Main Unit	**9000025**	**S&H $7**	**$99.95**
	Add rail of your choice:		
9000026	24" rail	S&H $ 7	$29.95
9000027	48" rail	S&H 8	59.95
9000028	78" rail	S&H 10	79.95

IF YOU DON'T SEE IT, JUST ASK! WE MAY HAVE IT!

SURGE PROTECTION

Don't Let Forces Beyond Your Control Interrupt Your Viewing Enjoyment!



Protect your electronic equipment with a high quality surge suppression system. Lightning, although the most dramatic form of power disturbance, is not the only way electrical fluctuations can cause damage. Voltage irregularities, commonly referred to as "spikes" can also harm your electronic equipment. These very short duration bursts of high voltage typically range from 400 to 6000 volts. The larger they are, the more damage they can instantly do to your equipment. Smaller ones will cause cumulative damage that will ultimately result in failure. Skyvision carries only the best surge protection in the industry.

It's like an insurance policy for your satellite system!

A

NEW!!

B

Panamax Max Sat represents the next generation in satellite system protection. Built around a unique new power protection platform, the **Max Sat** features 6 filtered AC outlets and provides complete spike protection, interference filtration and catastrophic surge protection for one satellite feed, one cable TV feed and actuator/polarity lines. Panamax offers a ***FULL WARRANTY ON ANY ATTACHED EQUIPMENT.***

Sat Pro® II Plus provides the ultimate protection for your electronic equipment from surge damage with its **Power Failure Interrupt** circuit, an exclusive feature of the **Sat Pro® II Plus.** The **PFI** disconnects instantly upon detection of a damaging power surge. This protection system comes standard with 5 AC outlets, enough for every home

Surge Protectors	**Item #**	**S&H**	**Price**
A. Panamax Max Sat (6 outlets, 1 satellite, 1 cable, actuator/polarity protection)	3000099	$ 8	**$159.00**
B. Sat Pro® II Plus (4 line protection, plus phone and control wires)	3000106	8	**225.95**
Accessories			
LNB Pro (Insulate LNB from Feedhorn and Dish/Included with Sat Pro®II Plus)	3000025	5	**9.95**
3 Outlet Transient (Voltage surge/noise suppressor 125V-15 amp 60 Hz)	3000100	5	**6.95**
6 Outlet EMI/RFI Filter (Surge suppressor with circuitbreaker, indicator light)	3000101	5	**16.95**
Surgender (Stops surge through coax cable)	3000105	5	**12.95**
Max Tel 1 Modem Protection (VIDEOpal™)	3000098	5	**24.95**
MAX SSP Adds One Additional Satellite Protection to MaxSat	3000097	5	**35.00**
MAS SSP/Tel Adds Phone & One Additional Satellite Protection to MaxSat	3000096	5	**59.00**

COMMERCIAL AMPLIFIERS IRD'S

Satellite Communications For Business and Education

Chaparral's new Monterey 100C Satellite Receiver is right at home in Education, Business, Private Cable and Broadcasting.

EDUCATIONAL TELEVISION

Distance Learning via satellite is bringing teachers and students together, whether they are across the country or around the world.

Chaparral satellite receivers are helping make the global classroom a reality in distant learning networks serving primary and secondary schools, colleges and universities throughout North America. The Monterey 100C is perfectly suited to make distance learning a part of any curriculum in any educational setting.

BUSINESS TELEVISION

Business Communications is serious business. Today there are dozens of business TV channels on satellite, providing financial news, employee training and specialized courses in engineering, medicine and management. Business teleconference services bring managers together, whether they are across town or separated by oceans. To handle it all, the Monterey 100C satellite receiver has to be very versatile.

MONTEREY 100C RECEIVER INTERFACE

The Monterey 100C Data Translator with modem allows you to control your Monterey 100C IRD from a remote location. Full access of satellite position, channel, and even audio tuning are controlled over standard telephone lines. The 100C PC controller allows you to control the IRD from any Dos computer. The 100C without modem allows computer control from non-DOS computers.

Features

The Model 100C provides most of the same features as the Model 55 home satellite receiver (see page 13) plus a number of special features designed for commercial installations, including:

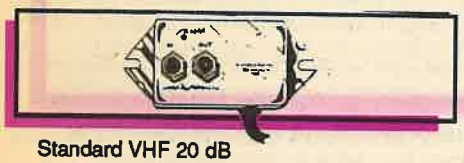
- **Customized Favorite Channel Menus** with emphasis on business and education.
- **B-MAC®** & other compatible programmable decoder access and baseband signal format.
- **A 70 MHz Loop** for connection to T.I. filters.
- **Optional Infrared Remote Eye** for use in commercial buildings.
- **Optional PC Control Software** allows operation from a personal computer.
- **Optional 19" Rack Mount**
- **250 KHz Step Video Tuning**
- **Data Translator**

Monterey 100C Receiver

Monterey 100C Receiver		
4503004	(S&H $21)	$1129
Optional 100C PC Controller DOS Controller Software		
6500053	(S&H $5)	$239
Optional Rack Mount		
2503002	(S&H $10)	$69
Monterey 100C Data Translator		
7003001 (without modem) (S&H $6)		$259
7003002 (with modem) (S&H $6)		$429
6500053 (100C PC Controller) (S&H $5)		$239

A Skyvision sales representative will gladly assist in customizing a system that fits your requirements.

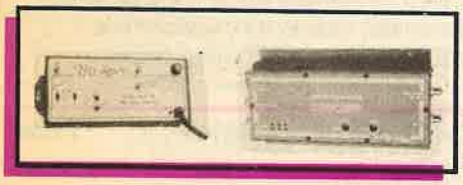
Distribution Amplifiers



Standard VHF 20 dB

Standard VHF/FM 20 dB Distribution Amplifier. In the building booster for long, complex cable runs.
- 20 dB gain
- 50 to 450 MHz range also covers mid and super band for cable TV.

3000019 S&H $6 $29



MCM-30 MCM-55

MCM-30. . .VHF & FM Distribution Amplifier. The model MCM-30 amplifier is designed for medium to large size MATV systems (83/8" L x 33/4" D x 17/8" H)
- 2-switchable FM trap: SW-1 (88-96 MHz) -20 db, Sw-2 (95-108 MHz) -20db
- Bandwidth VHF low 54 to 108 MHz high 174 to 216 MHz,gain 31db, noise 5db
- Power output: 7 channels VHF @ 20 dBmv max input, 52 dBmv max output

2520030 S&H $8 $79

MCM-55. . .VHF Distribution Push-Pull Amplifier. The model MCM-55 is a low noise, high output amplifier using a CATV push-pull hybrid output module.(83/8" L x 33/4" D x 17/8" H)
- Bandwidth 54-300 MHz • High output • Low noise • Push-Pull for low distortion • 55 db gain
- Adjustable slope control • Input and output test points • Designed for MATV apartment distribution systems

2520055 S&H $11 $179

TA-52

TA-52. . .UHF-VHF-FM Distribution Amplifier. The model TA-52 is a 52db gain UHF/VHF/FM Broadband distribution amplifier designed to function as a key component in medium and large MATV systems. Signal control is provided through front panel design. UHF/VHF input can be combined or separated. Low band VHF, high band VHF & UHF freq. have separate gain controls & switchable attenuators. Features include: • 60db output capacity • Power off/on switch
- Independently adjustable VHF-High, VHF-Low & UHF gain • Switchable input attenuators
- Output monitor test points • Separate or combined inputs • Easily rack mountable (17" L x 5" D x 3" H)

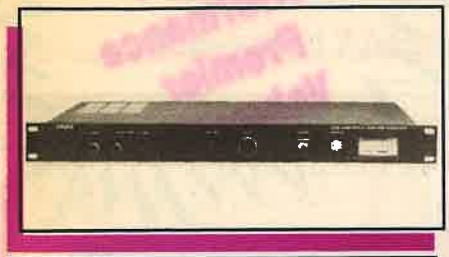
2520025 S&H $14 $199

Ask our sales Representatives about more commercial products offered by Skyvision®.

COMMERCIAL EQUIPMENT

Commercial Receivers

DRAKE Commercial Receiver/IRD



ESR1240 Commercial Receiver
2504001 S&H $19 $349

ESR1240 Commercial IRD
2504002 S&H $21 $1,329

Both the Drake ESR1240 commercial satellite receiver and the ESR1240 integrated receiver decoder are high performance, rack-mounted units utilizing block conversion.
These receivers utilize the latest concepts in solid state techniques with a broadband discriminator that provides crisp, clear, noise-free video. Baseband video and audio outputs are provided for use with a video modulator. Two video outputs are provided: one that is filtered and clamped for unscrambled programming, and one that is unfiltered for unclamped use with most descramblers. An incremental tuned, digital display allows quick and accurate channel selection. Either a preset 6.8 MHz audio subcarrier or a tuneable audio sub-carrier may be selected by front panel controls. The ESR1240 IRD comes equipped with a VideoCipher® II Plus commercial decoder.

1240 Receiver / IRD Features:

- Compatible operation on C and Ku
- Block Down Conversion 950-1450 MHz
- LED Channel Readout
- Front panel video output (receiver model)
- Rear panel video output (IRD model)
- Front panel signal strength meter
- Fixed audio 6.8 or variable from 5.4-8.2 MHz
- Standard 19" rack mount panel, 1-3/4" high
- Switchable LNB, BDC power
- Fine tuning control (on front)
- 70 MHz loop thru for T.I. filters
- One year limited warranty
- Static threshold of less than 7db C/N
- Digital Stereo audio (VC II models)
- Removable front panel IRD model (VCII access)
- Descrambler Compatible (unclamped unfiltered) the IRD comes with Commercial VideoCipher® II Plus Module
- Manufactured in the U.S.A.

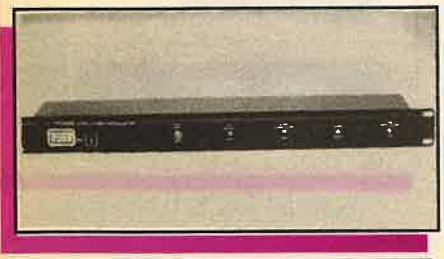
Commercial Modulators

Drake VM2310 Agile Modulator
2504004 S&H $19 $468

Drake VM2410A Agile Modulator
2504005 S&H $19 $685

Drake Commercial Modulators VM2310 & VM2410A

Drake has recently added a new modulator to their already great line of commercial video equipment. The VM2410A now offers 60 channel agility while maintaining low pass and SAW filters, insuring quality performance even in congested cable systems. With fully adjustable high power output of +57 dBmV and Drake's reputation for quality, the VM2410A is sure to become an industry leader.
Drake's leadership role is also expressed in the VM2310 modulator. With fully agile, 23-channel coverage and adjustable +45dBmV power output, the VM2310 sets the industry standard for quality and reliabilty. Both the VM2310 and the VM2410A feature up-front controls for easy operation, IF loop-thru connections for both audio and video, automatic frequency offsets to comply with FCC document 21006, and selectable power input of 115, 127, 220, or 240 VAC making them as versatile as they are reliable.



Pico Macom PCM-55 Modulator
252000(Ch.__) S&H $12 $189

Pico Macom PCM-55 Commercial Modulator

The **PCM-55 High-Output Modulator** is designed for economical systems. These low-profile, crystal-controlled modulators provide a modulated visual and aural RF carrier output on any single VHF (2-13), midband (A-I), or superband (J-L) channels.
The PCM-55 may be inserted on any unused channel within a closed circuit MATV or SMATV system. The modulator is shipped with all internal adjustments pre-set and is provided with separate external modulation and RF level controls.

NOTE: Please specify the exact channel number.

CALL FOR YOUR SPECIFIC COMMERCIAL NEEDS

HOME THEATRE

Check Out These Complete

Sherwood

Home Theater

Premier Performance Premier Values!!!

These home theater systems have to be heard to be fully appreciated. It's like being there...at the movies...in the middle of your living room. With the movie choices we have available today, together with the spectacular sound and special effects, a home theater system will put you in the center of it all. Consider the possibilities: Action movies will place you in the middle of the chase with sound close enough and real enough to make you jump. If suspense and drama are your favorites, theater sound will be enough to make your skin crawl. They say laughter is the best medicine, and home theater will place you in the center of a comedy club. Love stories will make you sigh. Sentimental movies will break your heart and make you cry. Classic movies and musicals will come to life as never before.

When the movie takes place in a forest, you'll be able to actually hear the subtle sounds of rustling leaves and the movement of wildlife, long before the picture appears. Experience the excitement of a spring storm with the crash of thunder and the rhythm of the rain, so intense it will feel as though it's taking place all around you.. Imagine the spellbinding sounds you'll hear when your movie shows a dazzling sunrise and the breathtaking sounds of the beginning of a new day. And don't forget the music! Put yourself in the midst of a concert where the beat of the music is so strong, you'll almost be able to reach out and touch it.

Home theater...without it, all you've got is TV.

Home Theater and Surround Sound - How Does it Work?

The word "surround" in "surround sound" is exactly what happens in your own home theater. The soundtrack of movies, concerts, etc. will literally surround you.

RV 6030R Features:
Receiver
105 Watts per Channel with <0.05% THD
75 Watts Left/Right/Center
25 Watt Rear Channels
Dolby Pro Logic Surround
Adjustable Delay
Discrete Amplifier Stage
5 Audio Inputs
4 Video Inputs
30 Station Presets
Dolby Time Link
6 Speaker Pkg. Including:
Shielded Center Channel
2 Front Adjustables
2 Rear Adjustables
Subwoofer

The Dolby Stereo format for the soundtrack on motion pictures has opened the door to home cinema presentations that precisely parallels the showcase theater experience. The left, center and right speakers in front carry dialog and left and right movement. The subwoofer carries the low frequency sounds like thunder, jets taking off, earthquakes and other sounds to make you feel part of the scene. The rear or surround speakers carry sound from planes passing overhead, birds chirping, wind blowing and other subtle sound that put you in the picture. Turn your living room into a concert hall, ballpark, or place yourself within the spotlight of your favorite movie with a Sherwood System.

Each of these systems features Dolby® Pro Logic Surround and the 6-speaker package for unequaled theater sound. The RV-6030R package includes extra power per channel and 4 video inputs while the RV-5030R includes 3 video inputs, bass/treble tone equalization, sleep timer and remote power-off feature.

RV-5030R Features:
Receiver
85 Watts per Channel with <0.05% THD
65 Watts Left/Right/Center
20 Watts Rear Channels
Dolby Pro Logic Surround
Discrete Amplifier Stage
Unified Remote Commander
5 Audio Inputs
3 Video Inputs
30 Station Presets
Station Preset Scan
6 Speaker Pkg. Including:
Shielded Center Channel
2 Front Adjustables
2 Rear Adjustables
Subwoofer

Choose the complete home theater system that best suits your personal needs and hear the soundtrack of your favorite movie or concert the way it was intended!

Complete Sherwood RV 6030R Home Theater Surround Sound System

Model	Item	#S&H	WAS	NOW
Complete System	8500010	$35	$799	$699
Receiver Only	8000010	$25	$449	$389

Complete Sherwood RV 5030R Home Theater Surround Sound System

Model	Item	#S&H	Price	NOW
Complete System	8500011	$33	$699	$619
Receiver Only	8000009	$24	$349	$299

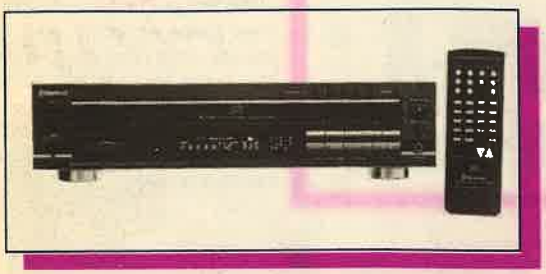
Complete your new

Home Theater

with these quality Sherwood Accessories

Sherwood Components— Built to Perform!

A

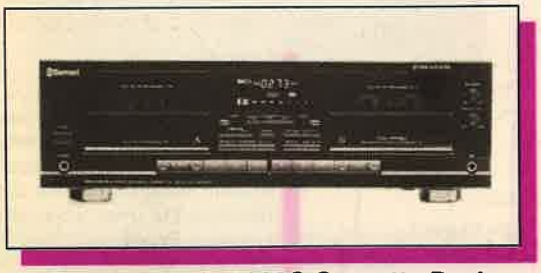


Sherwood CDC-5030C CD Player

Complement your new home theater system with this high performance multi disk CD player. This front loading carousel multi-disc player features:

•1 Bit D/A Converter •8x Oversampling Digital Filter •3 Beam Laser Pick-Up •32 Track Memory System •Digi-Link®III Integrated Control System •Easy Operation •Independent Remote Control •Repeat Mode •Music Calendar •Random Play (1 or All Discs) •Delete Play •Intro Scan •Timer Play (Off/Play) •A+B Repeat•CD Sync Record •Tape Edit • Tape Size Adjustment •Headphone Jack •Headphone Volume Control •Fluorescent Display •Display Dimmer •Direct Access Keys

B



Sherwood DD-4030C Cassette Deck

Finish off a great Sherwood home theater system with this top-of-the-line dual auto-reverse cassette deck that includes:

•Twin Auto Reverse Full Logic Cassette Transports •Twin Motor Drive System •Super Hi-B Tape Heads •Dolby® B/C HX PRO Noise Reduction •Digi-Link™III Integrated Control System •20 Track Music Search System •Automatic Tape Selector •Electronic Real Time Tape Counter •High Speed Dubbing •Easy Operation •Relay Play •Synchro Record/Dub •CD Sync Record •Memory Stop •Record Mute •Display Dimmer •Headphone Out •Microphone Input

C

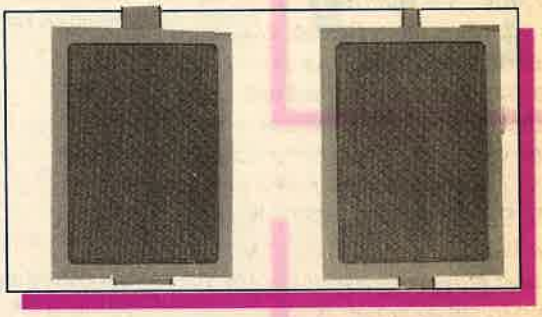
6 Speaker Package

COMPLETE 6 speaker home theater package made to complement any Dolby Prologic Receiver!
Here's what you get: 1-Subwoofer; 2-Front "Satellite" Speakers; 2-Rear "Surround" Speakers and 1-Shielded Center

6 Speaker Package

	Bass Module	Satellite Array	Center Channel	Surround Speaker
Linear Compliance Woofer	8"	3 1/2"	4"x2"	3 1/2"
Liquid Cooled Tweeter	-	3 1/2" Shielded	2"	2 1/2"
Frequency Response	28Hz-250Hz	140Hz-20KHz	120Hz-20KHz	140Hz-20KHz
Power Min	25 Watts	15 Watts	15 Watts	15 Watts
Power Max	200 Watts	75 Watts	75 Watts	75 Watts
Sensitivity	89 dB	89 dB	90 dB	90 dB
Size	12 3/4"x5 1/8" x20 1/16"	4 5/8"x8 1/3"x4 4/5"	17 1/3"x6 1/3"x 5 5/6"	4 5/8"x8 1/3"x4 4/5"
Weight	15.2 lb.	2.65 lb.	2.5 lb.	2.65 lb.

D



In Wall Speakers By RBH

Try a pair of the new In-Wall Speakers. They're great for home theater and places bulky speakers can't go! Two models to choose from.

	Model D-6.2	Model D-8.2
System Type	Wall Mount, 2 Way	Wall Mount, 2 Way
Woofer:	6.5" Long Throw Polypropylene	8" Long Throw Polypropylene
Tweeter:	1" Soft Dome	1" Soft Dome
Crossover:	Asymmetrical Type	Asymmetrical Type
Crossover Frequency:	2500 Hz	2500 Hz
Attenuation Rate:	24 db/Octave & 12db/Octave	12db/Octave
Recommended Amplifier:	5-100 Watts (unclipped)	5-100 Watts (unclipped)
System Impendance:	8 Ohms	8 Ohms
Frenquency Range:	48 to 22,000 Hz	48 to 22,000 Hz
Protection:	Poly Switch Protection Circuit	Poly Switch Protection Circuit
Efficiency (SPL):	90 db	90 db
Cabinet Finish:	White (Paintable)	White (Paintable)
Speaker Connection:	Push Tabs on Crossover	Push Tabs on Crossover
Dimensions:	12"H x 6.5"W x 3.5"D	14.5"H x 10.5"W x 3.5"D
Weight:	4 lbs. each	8 lbs. each
Shipping Weight:	12 lbs. pair	17 lbs. pair

Home Theater Components	Item #	S&H	Was	NOW	
A. Sherwood CDC-5030C CD Player *(Front Loading Carousel Multi-Disc Player)*	8000012	$19	$229	$199.95	
B. Sherwood DD-4030C Cassette Deck *(Dual Auto-Reverse Cassette Deck)*	8000013	$19	$216	189.95	
C. 6 Speaker Package *(1-Subwoofer; 2-Front "Satellite" Speakers; 2-Rear "Surround" Speakers: 1-Shielded Center Speaker)*	8000011	$22	$359	329.95	
D. In-Wall Speakers by RBH - Model D-6.2 *(6 1/2" long throw woofer)*	8000014	$17	$115	99.95	*pair*
- Model D-8.2 *(8" long throw woofer)*	8000015	$19	$159	149.95	*pair*

(New! Great for home theater and places bulky speakers can't go.)

T.V. CEILING AND WALL MOUNTS

TV/Speaker Wall & Ceiling Mounts

TV wall and ceiling mounts are more popular than ever. They will fit in any decor, save space in the den, family room or bedroom, and allow multiple viewing angles. Skyvision offers a wide variety of mounts for TV's, VCR's and stereo speakers. Choose the one that's right for you!

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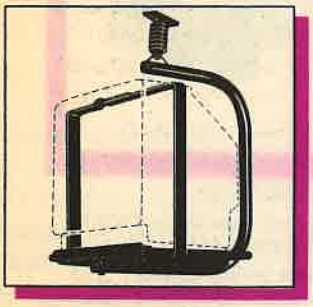
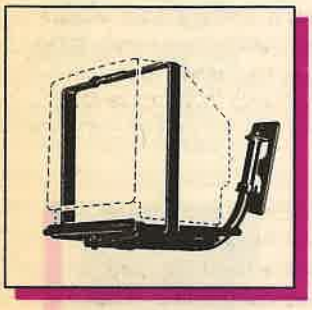


Vantage Point Ceiling Mounts
This contemporary styled mount allows full rotation of the TV! Perfect for mounting in corners or between viewing areas and is available for most 19"-27" TV's. Ideal for structural or suspended ceilings of 8' -10' in height.

B



Vantage Point Wall Mounts
This popular mount is available for most 13"-27" TV's and is angled down for maximum viewing pleasure. Side to side rotation will give you multiple viewing options for watching the programs of your choice. Customized for various TV sizes.

C

Vantage Point VCR Mounting Kit
The VCR bracket gives a custom fit to all front loading VCR's, VCP's, laser disc players or similar units to the platform of mounts holding 20" TV's or larger. Its unique two piece design provides easy installation, producing a unitized system.

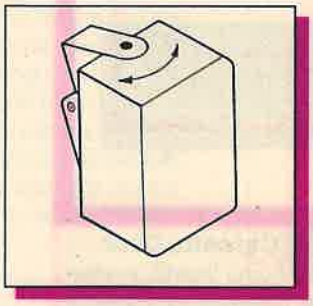
D

Vision TV Wall Mount with VCR Bracket
Position your TV and VCR or IRD at the optimum viewing height. Save space and watch your favorite programs from a whole new angle. Installation is a snap with detailed drawings and instructions. Fits TVs up to 20". This unit is also available without the VCR bracket.

E

Vision TV Wall Mount with Bracket and Shelf
This convenient unit allows for wall mounting of multiple components. Fits TVs up to 20" plus two other units—VCR, satellite receiver, two VCRs, whatever.... This unit gives you maximum flexibility to enjoy your viewing. Classroom, office or as a convenient bedroom unit, the choice is yours.

F



Vantage Point Speaker Wall Mounts
Ideal for elevating larger speakers either vertically or horizontally. The mount's unlimited tilt and rotation capability provide accurate placement of small or mid-sized speakers for improved stereo sound or surround sound.

	Vantage Point TV and VCR Mounts	MAX. LOAD RATING	SUGGESTED TV SIZE	PLATFORM SIZE	MAX. TV DEPTH	OVERALL DROP	TILT HEIGHT	ORDER NO.	S&H	PRICE
A	TV Ceiling Mount for 19" to 21" TV	100 lbs	19" to 21"	20"W x 15"D	21"	30"	20"	5529002	11.00	$117.97
	TV Ceiling Mount for 25" to 27" TV	120 lbs	25" to 27"	24"W x 15"D	21"	34"	24.5"	5529003	13.00	127.97
B	TV Wall Mount for 13" to 17" TV	80 lbs	13" to 17"	15"W x 12"D	17"	18"	10°	5529004	9.00	97.97
	TV Wall Mount for 19" to 21" TV	100 lbs	19" to 21"	20"W x 15"D	20"	21'	10°	5529006	11.00	107.97
	TV Wall Mount for 25" to 27" TV	120 lbs	25" to 27"	24"W x 15"D	22"	23'	10°	5529008	11.00	117.97
C	VCR Mount—Use with Vantage Point Platform Mounts. VCR NOT TO EXCEED 4.25" High, 17" Wide							5529012	7.00	34.97
	Wiring Kit							5529011	5.00	17.97

	Wall Mounts Inc. TV and VCR Mounts	MAX. LOAD RATING	SUGGESTED TV SIZE	PLATFORM SIZE	MAX. TV DEPTH	OVERALL DROP	TILT HEIGHT	ORDER NO.	S&H	PRICE
	Vision TV Wall Mount	110 lbs	20" max.	21.5"W x 12.75"D	18"	20"	10°	5500030	8.00	$ 69.95
D	Vision TV Wall Mount w/VCR Bracket	110 lbs	20" max.	21.5"W x 12.75"D	18"	20.5"	10°	5500031	9.00	79.95
E	Vision TV Wall Mount w/Bracket & Shelf	110 lbs	20" max.	21.5"W x 12.75"D	18"	29"	10°	5500028	13.00	99.99
	Vision TV Optional Shelf—Use with Vision TV Wall Mounts. VCR NOT TO EXCEED 4.50" High, 19" Wide							5500029	6.00	29.95

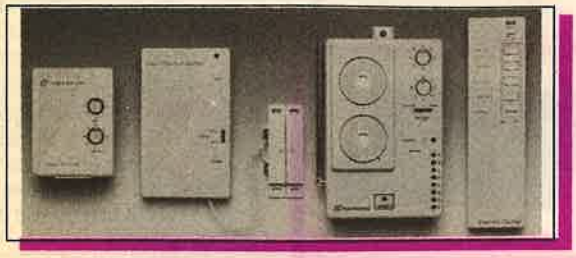
	Speaker Wall Mounts		MAX SPEAKER WEIGHT	MAXIMUM HEIGHT	MINIMUM HEIGHT	ORDER NO.	S&H	PRICE
F	Speaker Wall Mounts	Ideal for Surround Sound Applications	10 lbs	10"	6"	5529009	8.00	$ 32.97

X-10 HOME SECURITY

Wireless Supervised Home Security

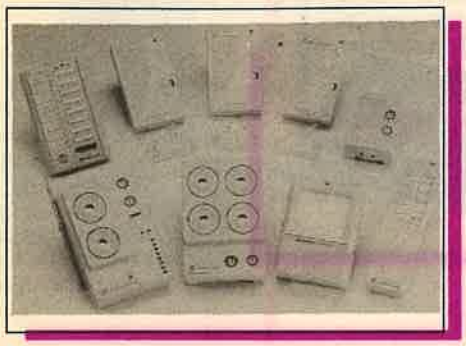
A wireless and self-supervised home security system, the X-10 Protector Plus provides home security for protection and peace of mind. It is fully compatible with the X-10 Home Automation System to allow you to expand your security system as you choose. Below you will find 3 complete systems. These include a basic system, a complete home system, a home system with alarm, and a voice dialer to contact a friend or neighbor for help. All X-10 systems are user-installable, simple to operate and requires no additional wiring.

A



The Protector Plus 4 Piece Security System is ideal for most standard security systems. It will sound its 85 dB alarm and flash house lights when a door or window is opened. Perfect for use as an entrance door alarm. This standard system includes: control console to act as a base receiver, a remote control to arm and disarm the system and to control lights; a door/window sensor; and a lamp module to control incandescent lamps up to 300W, to dim and brighten. Ideal as a starter system, this system can be easily expanded to protect up to 16 doors and windows.

B



If you're looking for a complete home security system, the Protector Plus 9 Piece Security System is what you've been searching for. It's great for homes, storage buildings, and detached garages because of its remote capabilities. When the alarm is tripped, lights will flash and the system will sound its 85 dB on-site alarm. In addition, the remote siren will sound a 110 dB alarm at another location. System components include: the control console, remote control to arm and disarm system, a SIXTEEN PLUS™ remote control for control of up to 16 lights and appliances remotely; a motion detector; POWERHORN™ remote siren, a lamp module and 3 door/window sensors.

C

Monitor your home while you're at work; monitor your business while you're at home or monitor a vacation home with the 7 Piece Security System with Voice Dialer. This system sounds its 95 dB alarm, flashes house lights and calls for help when tripped. It can call up to 4 numbers and plays back a 15-second message (in your voice). This newest system from X-10 includes: the control consol, remote control, SIXTEEN PLUS™ remote control, a motion detector to protect indoor areas with more than one entry point, a keychain remote to arm, disarm and control lights with a press of a single button, a lamp module, and 2 door/window sensors.

Protector Plus	Item #	S&H	Price
A. 4 Piece Security System *Standard Home System*	3240001	$ 6	**$85**
B. 9 Piece Security System *Complete Home System*	3240002	12	**$199**
C. 7 Piece Security System *With Voice Dialer*	3240003	8	**$195**

Protector Plus Accessories	Item #	S&H	Price
Key Chain Remote *Arm, disarm system and control lights.*	3240004	$ 5	**$14**
Door/Window Sensor *Protect up to 16 doors/windows by adding more sensors.*	3240005	5	**$16**
Motion Detector *Protect indoor areas with more than one entry point.*	3240006	6	**$43**
POWERHORN™ Remote Siren *Add a remote siren at a remote location.*	3240007	5	**$37**

X-10 Home Automation

WIRELESS HOME AUTOMATION SYSTEM!

Easy to Install! No Wiring Required!

X-10 POWERHOUSE™

NUMBER ONE IN HOME AUTOMATION

The X-10® POWERHOUSE™ System includes a wide variety of controllers and modules. The controllers plug into AC outlets and send signals over existing house wiring to control lights and appliances plugged into the modules. ***Installation is easy...just plug everything in!***

Turn lights on and off by remote control, time lights and appliances to turn on and off automatically. You never have to come home to a dark house again! Wake up to stereo or TV news, start the coffee, start your central heating or air conditioning...all before getting out of bed!

C

Mini Controller

Lets you control up to 8 X-10 Modules at the touch of a button from anywhere in the house. Includes "all lights on" button and has the capability to dim lights too. Easy to use with "one touch" rocker keys.

D

Maxi Controller

Lets you control up to 16 X-10 Modules from anywhere in your home with the touch of a button. Includes "all lights on" button and dims lights too. You are able to "group" lights to turn on and dim together.

A

E

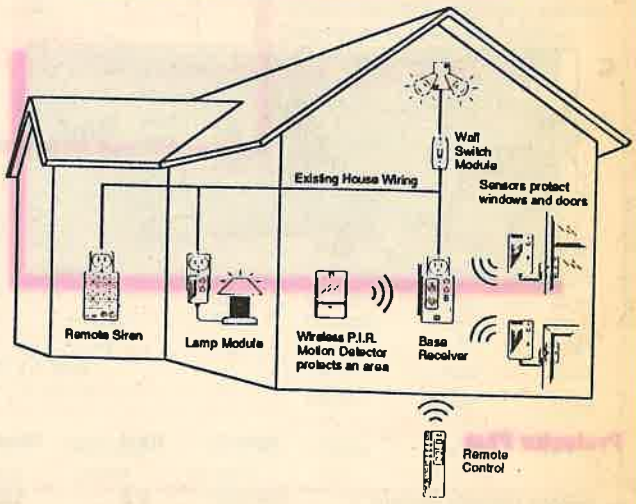
Mini Timer

It's a Mini Controller and Timer all in one! Instant control of 8 X-10 Modules and lets you program 4 Modules to go on and off at specific times, up to twice a day. Dims lights and includes "all lights on" button, and battery backup. This timer has the ability to turn lights on at random times for added security.

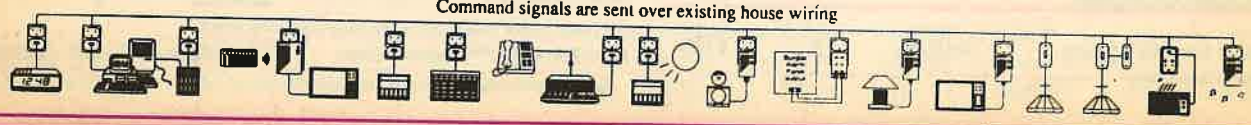
The Wireless Remote Control System RC5000 lets you control up to 8 X-10 Modules from inside or outside your home - even from your car as you enter your driveway. Dim or brighten lights connected to lamp and wall switch modules. Also works as an appliance module.

B

The RC6500 Wireless Remote Control System will give you control of 2 X-10 modules from inside or outside your home, or from your car as you enter the driveway. Transceiver controls one light or appliance and re-transmits radio signals to up to 2 other X-10 modules over your house wiring.



Command signals are sent over existing house wiring



NEED IT FAST? ASK FOR 2ND DAY AIR.

Discover the benefits of home automation!

All X-10 systems are user-installable, no additional wiring is necessary. You can choose from remote or automatic control; individual or group control. Operation is a snap with a touch of a button and these systems are easily upgradable as your needs expand.

Use Your Existing Home Wiring

F

Lamp or Appliance Modules

The **lamp module** will control incandescent lights up to 300W anywhere in the house and will allow you to dim or brighten incandescent lamps.

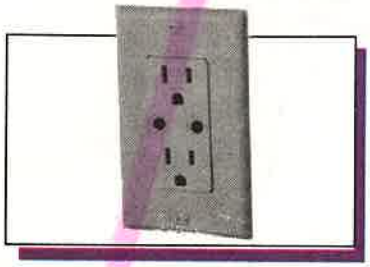
Control stereos, fans, heaters and lamps (cannot dim) with the **appliance module.** This module is for appliances rated at 15A resistive max. (such as coffee pots and toaster ovens), 1/3 H.P. motor load (such as electrical fans), 400W for TV's and 500W for lamps.

I

Wall Switch Modules

For remote control of wall switch-operated indoor ceiling and outdoor lights from X-10 Controllers. This module will dim and brighten incandescent lights and includes a push button for manual control at the light switch. These modules are rated at 60W to 500W incandescent.

The **3-Way Wall Switch Module** controls incandescent lights presently controlled by 2 or more switches. This module replaces existing wall switches and installs like a regular dimmer. Rated at 500W max., 60 W min., it includes an extra companion switch for 4-way applications.

G 

Receptacle Module

Will allow remote control of incandescent, fluorescent lamps (cannot dim) and any appliances up to 15A. Rated at 1800W unrestricted. This module will replace existing wall outlet. The top outlet is controlled while the bottom is always on and functions as a regular outlet.

J

Remote Chime

When used with the proper detectors, controllers or interface, this module will chime when someone approaches the house; can be used as a remote pager; as a remote door bell; or wake-up alarm. This module is ideal for the handicapped or bedridden to call for attention.

H

Heavy Duty Appliance Modules

Use this module for 220V appliances such as room air conditioners and water heaters. For single split phase wiring only.

K

Universal Module

Isolated contacts to switch any kind of low voltage load - sprinkler systems, drapery controls, etc. Also includes a beeper to use an annunciator. Can be set for momentary or sustained contact closure.

Automation Systems	Item #	S&H	Price
A. Wireless Remote Control System - *Model RC5000*	3240008	$ 5	**$39**
B. Wireless Remote Control System - *Model RC6500*	3240009	5	**$23**
Controllers			
C. Mini Controller *Control up to 8 Modules*	3240010	5	**$ 10**
D. Maxi Controller *Control up to 16 Modules*	3240011	5	**$ 19**
E. Mini Timer *Conroller and Timer in one!*	3240012	5	**$ 23**

Modules	Item #	S&H	Price
F. Lamp or Appliance Modules			
Model LM465 (Lamp)	3240013	$ 5	**$ 13**
Model AM486 (2 pin appliance)	3240014	5	**$ 13**
Model AM466 (3 pin grounded)	3240015	5	**$ 13**
G. Receptacle Module	3240016	5	**$ 16**
H. Heavy Duty Appliance Modules			
Model HD243 (220V, 15 amp)	3240017	5	**$ 19**
Model HD245 (220V, 20 amp)	3240018	5	**$ 19**
I. Wall Switch Modules			
Model WS467 (Single)	3240019	5	**$ 13**
Model WS4777 (3 way)	3240020	5	**$ 17**
J. Remote Chime	3240021	5	**$ 19**
K. Universal Module	3240022	5	**$ 19**

Shipping and handling reduced on multiple items

CHANNEL PLUS

ChannelPlus
VIDEO DISTRIBUTION SYSTEMS

For multi-TV families or private cable systems, who want the freedom to easily choose from a variety of video sources on every TV in the house.

EXPAND YOUR VIDEO VIEWING THROUGHOUT YOUR HOME

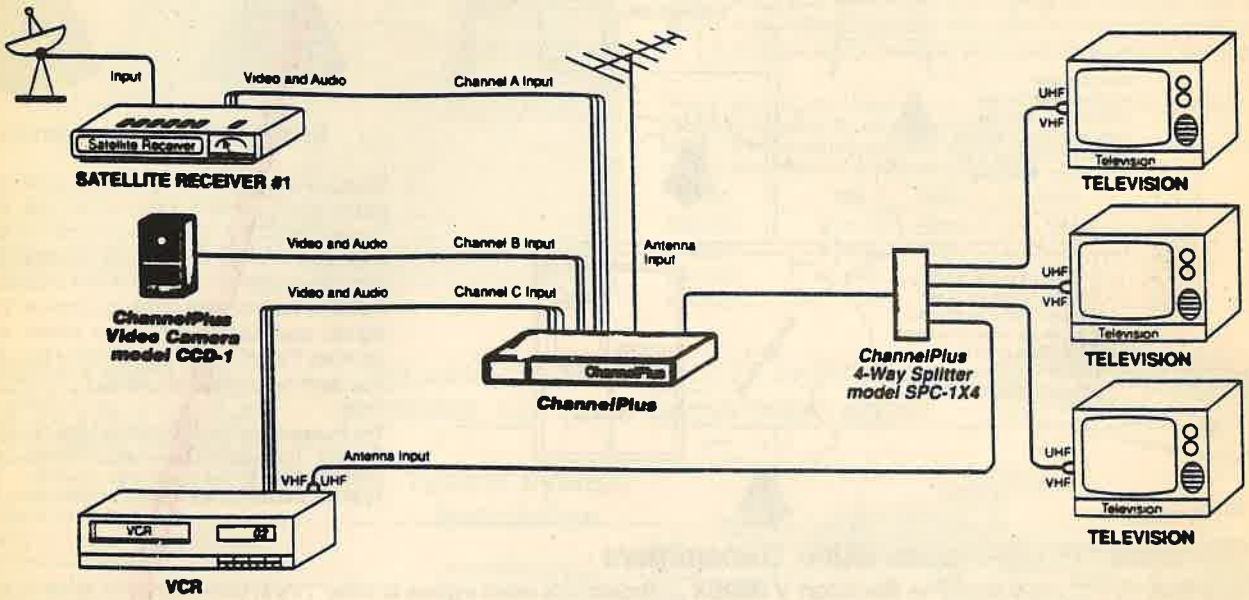
Enjoy your VCR in any room of your house with just a change of the channel. Or watch the satellite receiver, front door security camera, or local news program on any TV. ChannelPlus frequency modulators fill unused channels on your TVs so you can receive the VCR, security camera, laserdisc, satellite receiver or any other video source by just changing the channel. You still receive the off-air or cable channels just as before, but now they're combined with all your video sources and are available on every television in the house. Sound interesting? Call us, and your Skyvision Product Representative will help you turn your separate components into an audio/video system.

The digitally tuned **D-series** of ChannelPlus modulators, uses simple push-buttons and digital displays to select the output channel for each video source. All D-series modulators are temperature compensated to insure long-term, drift-free performance.

All **4000 series** ChannelPlus modulators take a video source(s) and convert it to a different channel by selecting the output channel with the rotating thumb wheels located under the front cover plate, allowing access by all TVs by simply tuning to that channel.

CHANNEL PLUS

NOW ADD EXTRA CHANNELS TO EXISTING CABLE THE EASY WAY WITH ChannelPlus MODULATORS



Video outputs from a satellite receiver, CCTV camera, and VCR combine with the antenna into a single output, which is then split and distributed directly to each TV and VCR. The VCR in this example records directly from the satellite by tuning to UHF channel 25 or from the camera by tuning to UHF channel 27. A VHF/UHF band separator should be installed at the rear of each TV set.

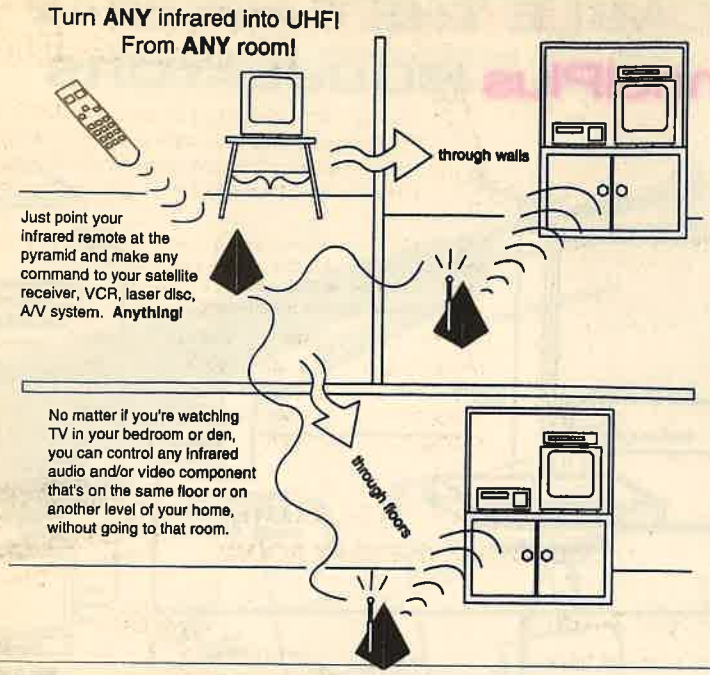
ORDER#	MODEL				S & H	Price
For use with antenna systems on Non-Cable Ready TVs (outputs to UHF channels 14-62)						
3000218	4130	Analog tuning	ACCEPTS 1	AUDIO/VIDEO SOURCE PLUS ANTENNA or CABLE	$ 8	$159
3000219	4230	Analog tuning	ACCEPTS 2	AUDIO/VIDEO SOURCES PLUS ANTENNA or CABLE	8	289
3000220	4330	Analog tuning	ACCEPTS 3	AUDIO/VIDEO SOURCES PLUS ANTENNA or CABLE	8	369
3000207	D1V	Digital tuning	ACCEPTS 1	AUDIO/VIDEO SOURCE PLUS ANTENNA	$ 8	$389
3000208	D2V	Digital tuning	ACCEPTS 2	AUDIO/VIDEO SOURCES PLUS ANTENNA	8	499
3000209	D1V-ST	Digital tuning	ACCEPTS 1	AUDIO/VIDEO SOURCES PLUS ANTENNA MTS Stereo	8	639
3000213	DA 500	Distribution Amplifier			$ 8	$119
3000217	2514	4-Way Splitter/Combiner			$5	12.95
3000224	2512	2-Way Splitter/Combiner			5	7.95
3000225	2509	2-Way Directional Tap			5	11.95
3000226	2543	3 Terminal Coax Wall Plate			$ 5	$7.95
3000227	2541	Standard Coax Wall Plate			5	4.95

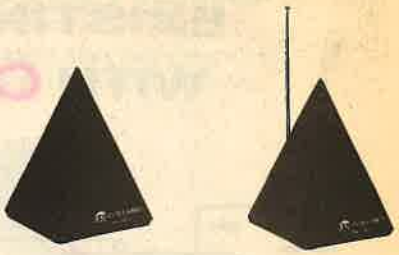
NOTE: QUALITY MODULATORS SHOWN CHANGE THE INPUT SOURCE SUCH AS A SATELLITE RECEIVER, VCR, OR VIDEO CAMERA INTO A UHF OR CABLE CHANNEL FOR DISTRIBUTION.

Wireless Remote Extender Signal Broadcaster

"Wireless" Whole-House Infrared Remote Control

The PowerMid Extender lets you control your audio/video products from anywhere in your home.


Turn ANY infrared into UHF!
From ANY room!
through walls
Just point your infrared remote at the pyramid and make any command to your satellite receiver, VCR, laser disc, A/V system. Anything!
No matter if you're watching TV in your bedroom or den, you can control any infrared audio and/or video component that's on the same floor or on another level of your home, without going to that room.
through floors



POWERMID Infrared Extender

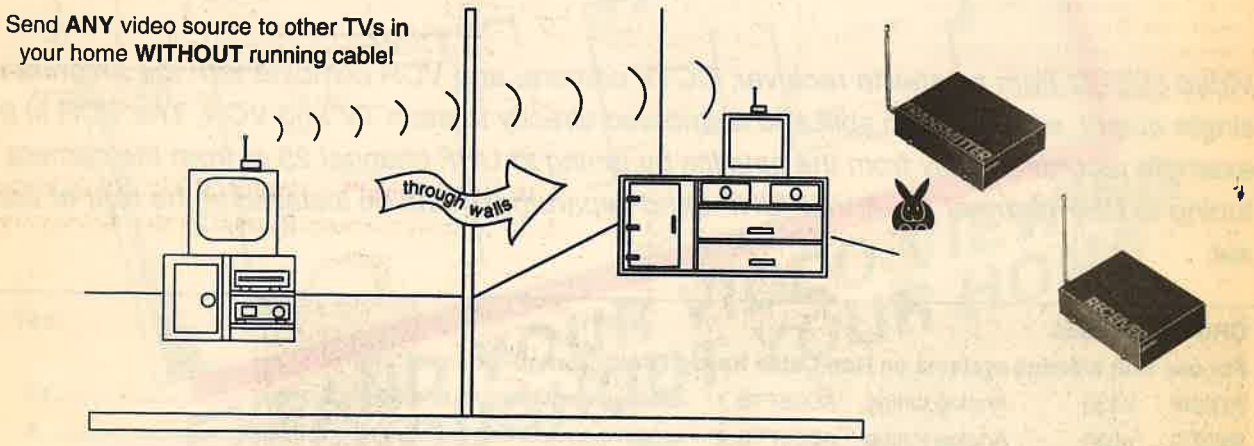
Works with your existing remote controls. You point your remote control at the ST539 Transmitter. The ST539 converts the signals from your remote control into wireless signals and sends them to the RE549 Receiver. The RE549 converts them back to identical infrared signals and sends them to your stereo, satellite receiver, TV, VCR, CD player, cable box, etc. You don't have to run any wires !

The Powermid Set – one ST539 and one RE549

7500006	Transmitter & Receiver	S&H $8	$49.95
7500007	Extra ST539 Transmitter	S&H $5	$29.95
7500008	Extra RE549 Receiver	S&H $5	$29.95

"Wireless" Whole-House Video Transmitters

The Rabbit VC 2000 and The Recoton V 900SX ... Broadcasts video signals to other TVs in your home—o wires required



Recoton V 900SX Wireless Video Sender

This new wireless technology product uses 900MHz signals that travel easily through walls and floors. It consists of an AWACS type transmitter and receiver that can be hooked up to any TV, VCR, cable box, laser disc player or satellite box and transmit high quality pictures and sound to virtually any other TV within your home.

It is able to transmit these images up to 150 ft. away from the transmitter since it uses the newest resonator control circuit that virtually eliminates frequency shifts and drifts and provides a very stabile image on screen.

Its circular antenna design can also be tilted up or down to help focus the signals to the receiver unit.

Recoton™ V 900SX Set, Transmitter and Receiver

7500020	Transmitter & Receiver	S&H $8	$79.95
7500021	Extra Receiver	S&H $5	$45.95

Recoton V 900SX Wireless Video Sender Kit

Rabbit Videocaster VC2000

Rabbits® innovative Videocaster™ transmitter allows audio/video signals to be sent up to 120 feet anywhere in your home without the need of cables or special wires. Now you can enjoy all your home video programs by directly transmitting via radio waves to any TV without the use of a complicated cable system. View cable or satellite at one location and send your favorite program to all TVs. Use with Satellite Receiver VCR, Camcorder Security Camera Cable-Ready TV Computer etc. Max. range 120'—without any loss of picture quality.

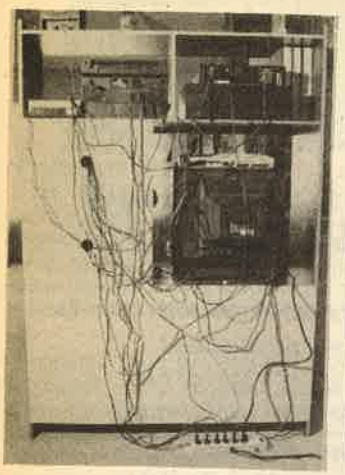
The Rabbit Set, Transmitter and Receiver

7500009	Transmitter & Receiver	S&H $8	$49.95
7500010	Extra Receiver	S&H $5	$35.95

Accessories

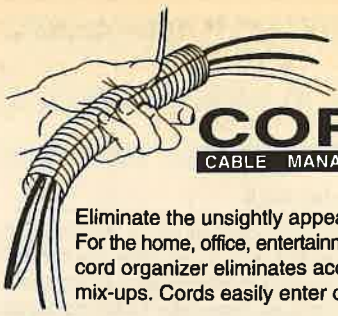
Clean Up The Mess!

With the "Cord Organizer"



Before

After



CORDEX
CABLE MANAGEMENT SYSTEMS

Eliminate the unsightly appearance of messy cords and cables. For the home, office, entertainment center, computer desk, etc., the cord organizer eliminates accidental disconnect, cord knots and mix-ups. Cords easily enter or exit the organizer at any point.

Use ¾" dia. For: entertainment center (without satellite receiver), office, desk etc. Includes 2 self-adhesive clips.
Use 1" dia. For: entertainment center (with satellite receiver), Computer center, etc. Includes 2 self-adhesive clips.

Item#	Size	Color	S&H	1 or 2	3 or more
5500020	¾" x 4ft	Black	$5	$6.88	$5.88
5500021	¾" x 4ft	Tan	5	$7.28	$6.28
5500022	1" x 4ft	Black	5	$7.78	$6.78
5500023	1" x 4ft	Tan	5	$7.98	$6.98

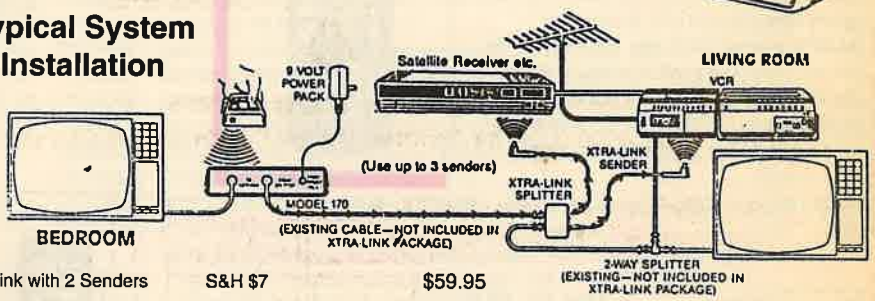
VIDEOLINK MODEL 170

XTRA-LINK™
WIRELESS REMOTE CONTROL EXTENSION SYSTEM

LIKE HAVING A VCR, CABLE TV, SATELLITE RECEIVER, AND VIDEO DISC IN EVERY ROOM!

- Remote-control VCR, cable TV and video disc can now be used long-distance
- Install on any TV to access all your remote control video components
- Makes non-remote TV's remote controlled with remote control VCR, cable selector
- No fancy wiring needed: uses existing coaxial wiring between TV's
- No extra controls to buy! Uses the hand-held remote controllers you already have
- No tools required—easily installed in minutes

Typical System Installation



7500001	Videolink with 2 Senders	S&H $7	$59.95
7500002	Extra Sender		7.95

dB50™ PERSONAL STEREO

The New dB50™— Personal Listening System

A Revolutionary Sound System for the Hearing Impaired

Skyvision Recommended Value Excellent Quality

The **Chaparral dB50™ Personal Stereo** is for people of all ages and walks of life.
Use it at Home. With the dB50, line of sight is not necessary and there is no interference from sunlight. With a signal range of 150 ft., you will enjoy freedom of movement throughout the house and yard. All that's required is an audio output or headphone jack for connection to use your personal stereo at home with the TV, radio and other sources of sound. If your component doesn't have an audio output, the dB50 comes with a mini-microphone for non-stereo reception, anywhere.
Take it Along. Carry your wireless dB50 stereo to any public performance which transmits in FM. Experience that school play or church program, public lecture or other performances in full-range stereo audio clarity from any seat in the house.
This personal stereo assistive listening system is a revolutionary product designed to increase listener satisfaction. Bring the "big" game up close and personal, enhance music enjoyment, and watch a movie without the distraction of background noise. ***Try it for yourself and hear what you've been***

dB50 Listening System consists of one transmitter (and associated hardware), one receiver, and two different styles of headsets.

7503004 S&H $8 Was $269 **Now! $149.00**

Purchase an additional receiver with two headsets:

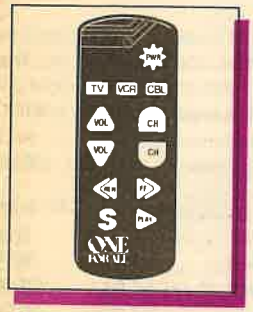
7503003	S&H $8	1 each	$77.95
4 or more			69.95

Universal Remotes

DON'T GET CAUGHT!

Remote controls are the most used, and often abused, part of your entertainment system. Avoid the nuisance of a lost or broken remote...order one or more extras today. If your control is not shown, ask your Skyvision Product Representative about its availability.

Don't get caught without a spare remote!



One for All 3

To make the **One for All® 3 "So Easy"™** —as easy to use as possible, the number keys have been eliminated.It is designed to include the most basic functions of your electronics.Yet, thanks to its sophisticated One For All technology, it still replaces up to three separate remotes for TVs, VCRs, and Cable Boxes.And because it's pre-programmed, it's easy to set up.

One for All 3 (TVs, VCRs, and cable Boxes) 7500019 $ 5 **$ 19.95**

One for All VCR PRO 4

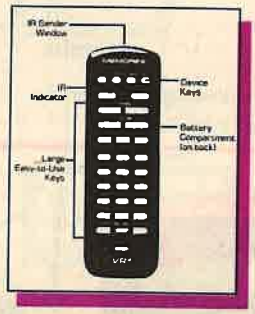
Tired of searching through complex instruction manuals or fumbling through newspapers to find the right code number every time you want to record your favorite shows? Well, the VCR PRO 4 is for you! With the push of a few buttons, the PRO will turn on your VCR, select the right channel, record your favorite shows and turn off your VCR. *It's that simple.*

VCR PRO 4 (VCRs, TV, and cable Boxes) 7500018 $ 5 **$ 49.95**

One for All 6

Replaces the clutter of 6 separate infrared remotes controlling TV's, VCR's, **Satellite** and audio equipment and much more. This remote is upgradeable and can be programmed to keep up as technology advances with new infrared controlled products as they are introduced. Get it all with the One for All.

One for All 6 (Satellite model plus 5 others) 7500015 $ 5 **$ 49.95**



Memorex VR^4

When the remote you are searching for is the only one you can't find, it's time to get a **Memorex VR^4** Universal Remote Control. Preprogrammed for TV's, VCR's and more, this remote can replace up to 4 audio/video remote controls. It is compatible with most of today's controlled video components, easy to set up and operate.

Memorex VR^4 (VCRs, TV, cable Box, plus one) 7513004 $ 5 **$45.95**

One for All 8

This has all the features of the One for All 6, except this expanded remote **replaces 8 separate infrared remotes.** One for All remotes are preprogrammed for easy set-up and such features as Key Magic™ to allow specific functions to be assigned to specific keys and a special scan key to easily search channels, pausing at each for 3 seconds.

One for All 8 (Satellite model plus 7 others) 7500017 $ 5 **$ 69.95**

GI Anywhere UHF Remote Kit

With the **Anywhere Remote**, your GI IRD does double-duty by allowing operating capabilities from almost any room in your house. Control the most important features on your IRD from up to 200 feet away. Wherever this sleek little remote goes, whether bedroom, den, children's room, or kitchen, the fun always follows.

GI Anywhere Remotes: URK20 *(Controls 2400R, 2500R, 2600R and 2650)*	7509001	$ 6	**$ 95.95**
URK27 *(Controls 2700R Series)*	7509002	$ 6	**$ 95.95**
URK45 *(Controls Innovation 450i, 550i, 650i)*	7509005	$ 6	**$ 95.95**

REMOTE CONTROLS

Replacement Remotes

Replace those broken or lost remotes, add an extra for family room, bedroom.

Remote controls make using almost any piece of electronic equipment easier and more convenient. Whether it's a CD player, VCR, television, IRD, satellite receiver, an Infrared or UHF remote control, you can save time and steps while making extra features available with a touch of a button from your easy chair.

Currently there are two types of remotes widely available—the Infrared and the UHF variety. The Infrared remote controls use a beam of infrared light to transmit instructions to the receiver. You simply point the remote at the receivers IR detector and push the button. This does require you to be in sight of the receiver to use it. Some infrared controls can be "trained" to be used with other equipment. This allows one remote to operate several devices.

UHF remotes on the other hand, transmit instructions in the UHF band of frequencies just like a miniature radio transmitter. This means the remote can be in another room, on another floor of the home or even outside, as long as it is within the effective transmitting range of the remote control.

Many UHF remotes claim an effective range of 200 feet. You can enjoy the advantages of UHF portability by using it in a bedroom or second viewing room and by not having to point the remote every time you want to change channels.

COMPAK

Portable Remote Control Holder

ENDS REMOTE CONTROL HIDE-N-SEEK

Made in U.S.A.

Holds two remote controls in one portable unit.

Holds three remote controls in one portable unit.

EASY TO USE Keep remote controls attached to holder - pick holder up, point and use.

BUILT-IN HAND SLOTS Allow for easy, comfortable handling.

2 Remote model	5500040	S&H $5.00	$9.95
3 Remote model	5500041	S&H $5.00	$10.95

Order #	Description	S&H	Price
7503001	Chaparral Ranger Remote	5.00	149.95
7503002	Chaparral IR & UHF Remote for Monterey	5.00	99.95
7504009	Drake IR Remote for 424	5.00	69.95
7504010	Drake IR Remote for 924I	5.00	79.95
7504012	Drake IR Remote for 1024, 1224	5.00	79.95
7504015	Drake IR Remote for 2024, 2400	5.00	79.95
7504008	Drake IR EZ-View for 11,13,15,16,17 and 1824 (simple)	5.00	49.95
7504011	Drake IR Remote for 11,13,15,16,17 and 1824 (full featured)	5.00	79.95
7504001	Drake UHF Remote for 1224	5.00	89.95
7504004	Drake UHF Remote for 2450	5.00	89.95
7504014	Drake UHF Remote for for 1424	5.00	89.95
7504003	Drake UHF Remote for 13, 15, 17 and 1824	5.00	89.95
7505001	DX 100 Remote UHF	5.00	99.95
7505002	DX 200 Remote UHF	5.00	99.95
7506003	EchoStar IR Remote for SRD 3000, SRD 4000(new style)	5.00	79.95
7506005	EchoStar IR Remote for SRD5000, SRD6000	5.00	79.95
7506001	EchoStar IR Remote for 310, 410	5.00	79.95
7506010	EchoStar IR Remote for 400	5.00	69.95
7509003	General Instruments IR Remote 2400, 2500, 2600, 2650	5.00	69.95
7509004	General Instruments IR Remote 2700 series receivers	5.00	79.95
7509006	General Instruments Flashcard Remote for 450i, 550i, and 650i	5.00	39.95
7509007	General Instruments Remote for 550i (UHF)	5.00	59.95
7509008	General Instruments Remote for 650i (UHF)	5.00	59.95
7510020	HTS Expert EZ Remote	5.00	89.95
7510019	HTS Expert Plus Remote	5.00	139.95
7510018	HTS Premier Xpert Remote (For HTS Premier 30,40,50,70; Echostar 500,600,510,710,7000, 8000, HTS Tracker 4,5,6,7,8,8+,9,10 and 10+)	5.00	109.95
7516004	Panasonic UHF Remote for 750	5.00	69.95
7516005	Panasonic UHF Remote for 2000	5.00	69.95
7516006	Panasonic 500 UHF	5.00	99.95
7516001	Panasonic CRD4500,PS700EX/Simple UHF	5.00	39.95
7516002	Panasonic PS700EX Full Feature UHF Remote	5.00	69.95
7515001	Pansat IR Remote for BR-3000/AP-3000	5.00	59.95
7515002	Pansat Remote for BR3500/4500	5.00	59.95
7523003	Star Trak 400 Remote IR	5.00	79.95
7523004	Star Trak 600, 800 Remote UHF	5.00	99.95
7524004	STS Remote for MBS-LSR Receiver.	5.00	69.95
7524003	STS IR Remote SR100, SR100MII, SR150, SR200, SR300	5.00	79.95
7524007	STS Superguide Remote UHF	5.00	69.96
7526007	Toshiba Simple IR Remote for all Toshiba Receivers	5.00	39.95
7526003	Toshiba IR Remote for TRX80, 100, 120	5.00	69.95
7526006	Toshiba Remote for TRX 1520/1500	5.00	89.95
7526004	Toshiba UHF Remote for TRX 1800	5.00	89.95
7526005	Toshiba UHF Remote for TRX 1820	5.00	89.95
7526009	Toshiba UHF Remote for TRX 2220, 2200	5.00	89.95
7526002	Toshiba Hand Remote TRX HST 3R (IR Smart)	5.00	99.95
7527002	Uniden IR Remote for UST2300	5.00	65.95
7527012	Uniden IR Remote for UST5500	5.00	79.95
7527011	Uniden IR Remote for UST9000	5.00	79.95
7527008	Uniden IR Remote UST7700, 9900, PS700, PS900	5.00	79.95
7527003	Uniden IR Remote for UST4200	5.00	69.95
7527014	Uniden IR Remote for UST4300	5.00	69.95
7527004	Uniden IR Remote for UST4400	5.00	89.95
7527005	Uniden IR/UHF Remote for UST4400 Super	5.00	99.95
7527006	Uniden IR/UHF Remote for UST4500	5.00	109.95
7527015	Uniden IR/UHF Remote for UST4600	5.00	99.95
7527007	Uniden UHF/IR Remote for UST4800/UST4800 Super	5.00	139.95
7527016	Uniden IR/UHF Remote for UST4900	5.00	99.95
7527009	Uniden UHF Remote for PS1000/UST2020	5.00	89.95

NAFTA SYSTEMS

NAFTA

For Our Canadian & Mexican Neighbors

The North American Free Trade Agreement (NAFTA) can save you some $$$$$. If we provide you with equipment manufactured in the United States, import duties to Canada and Mexico will be reduced. Skyvision has designed these two great Drake 1824 systems for your use. We have optimized the systems with special high quality LNBs to allow for the very best reception of U.S. satellites in Canada and Mexico. For special dish sizes and other options, please call your Skyvision Product Representative. Also ask your Skyvision Product Representative for other great equipment that can be exported at a savings. We can supply all of your equipment needs, but these systems offer special savings at the border.

For more information on the Drake 1824, please read pages 16-17.

NAFTA C/Ku Band System
Drake 1824 IRD
VCRSi Decoder Module
Corotor II C/Ku-Band Feed
20 deg. C-Band LNB
0.7 dB Ku-Band LNB
18" Actuator Arm
7 ' Orbitron SX-7 Mesh Dish
Skyvision's Exclusive "*Do It Yourself*" Installation Video
Site Data
5 Easy Steps for Installation

8500903 S&H Call $1,999

NAFTA C-Band System
Drake 1824 IRD
VCRSi Decoder Module
25 deg. C-Band LNBF
18" Actuator Arm
7' Orbitron SX-7 Mesh Dish
Skyvision's Exclusive "*Do It Yourself*" Installation Video
Site Data
5 Easy Steps for Installation

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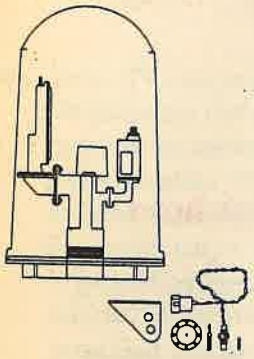
Made in the U.S.A.

WE ACCEPT VISA, MASTERCARD, AMERICAN EXPRESS, AND DISCOVER

SYSTEM UPGRADES

Birdview Upgrade Paks

Upgrading your Birdview system is easy with these Skyvision upgrade packages. Whether you want C-Band or a combination C/Ku-Band system, these packages make the upgrade process simple and rewarding. Simply choose the IRD of your choice from pages 6 to 21 and add the upgrade price shown below for the package of your choice.



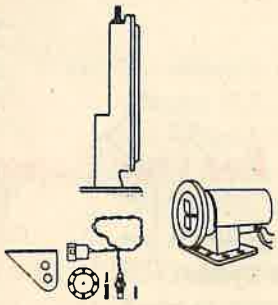
C & Ku-Band Pak

Includes:

- Scaler adapter plate
- Reed conversion kit
- C/Ku feed cover
- C/Ku Band feed pre-assembled with two ULTRA LOW temp. LNB's one C-Band one Ku-Band

Just add Receiver/IRD of your choice and cable.

C and Ku Upgrade Pak 9500002 S&H $22 Our regular catalog price $472.95 **Special Pak Price $399.95**



C-Band Pak

Includes:

- Polarization rotator
- Reed conversion kit
- ULTRA LOW temp C-Band LNB

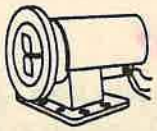
Just add Receiver/IRD of your choice and cable.

C-Band Upgrade Pak, 9500001 S&H $11 Our regular catalog price $249.95 **Special Pak Price $199.95**

ADAPTER PLATE & COVER

Upgrade Birdview antenna with most C/Ku feeds. Predrilled to match all scalars. Tested under extreme weather conditions. Your choice of black or white cover.

3500016 Adapter and cover S&H $6 $49.95



C-BAND ROTATOR BIRDVIEW

Polarization rotor designed to fit Birdview feed. Makes your Birdview antenna compatible with all IRDs and receivers in this catalog.

3520001 C-Band Rotator S&H $6 $59.95

Snow In Your Dish Means Snow on Your Screen

Avalanche II

Snow in the bottom of your dish will change its shape and reflect the signal back into space. Scatter enough of the signal and your picture is lost. A ten foot dish can hold several hundred pounds of snow. This can inevitably cause the dish to be permanently distorted, requiring costly repair or even replacement.

Avalanche II is a remote-activated snow removal system powered by the spare coax found on most satellite dish systems. The high pitched vibration of the Avalanche II causes the snow to break up and tumble out of the dish. It's time to put away the broom and let Avalanche II handle the snow.

Standard unit comes with two vibrators and will handle dishes through 12 feet. Larger dishes require multiple systems.

Avalanche II Snow Removal System Control Unit with Two Vibrators
5500054 S&H $8 $179.95

TV LockOut

Avalanche II Lock Out

"I said, "NO TV and I mean it!"

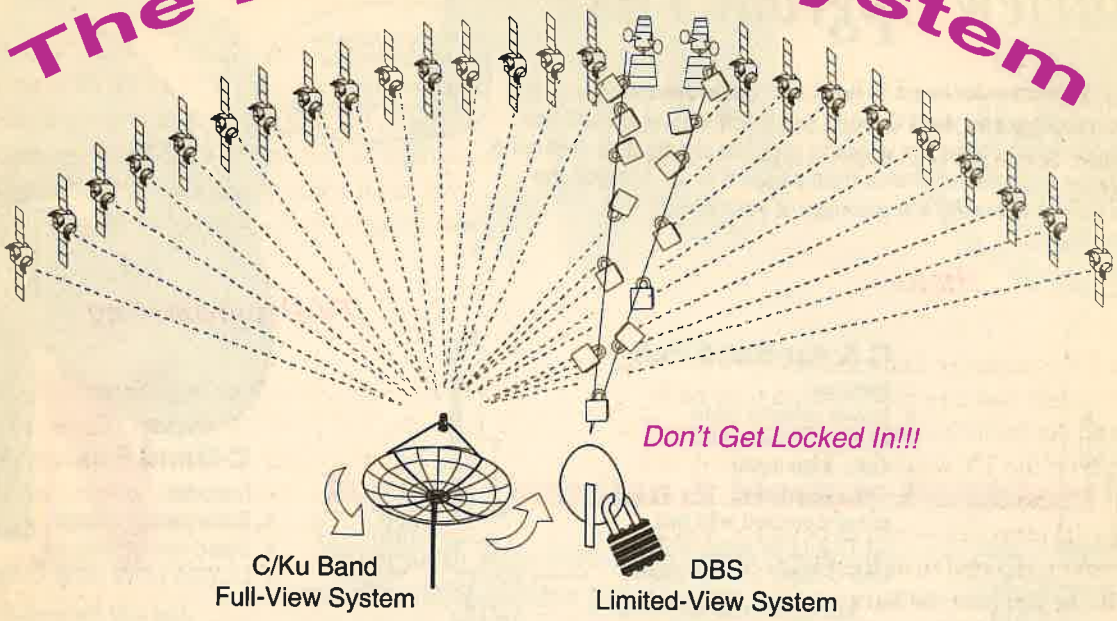
This safe, non-electrical, small, childproof device can block all signals to the television. Block satellite TV, video games, VCR and more.

- *TV signal turns off and on with a simple key*
- *Works with any TV*
- *Easy to install*
- *You can control your child's video game and TV viewing time*

TV LockOut
5500024 S&H $5 $24.95

FULL-VIEW SYSTEM

The Full-View System



Free To Select Your Own Programming

What YOU Want, Not What They Want!!!

What Does FULL-VIEW Mean?

- FULL-VIEW means programming from 23 orbiting satellites
- FULL-VIEW means over 350 channels available
- FULL-VIEW means just about everything broadcast anywhere is available

FULL-VIEW of What?

- A FULL-VIEW of over 350 channels
- A FULL-VIEW of all network programming
- A FULL-VIEW of all the cable programming
- A FULL-VIEW of all the sporting events that are telecast anywhere
- A FULL-VIEW of all the premium and movie channels there are
- A FULL-VIEW of all kinds of interesting speciality programming

FULL-VIEW from Whom?

- FULL-VIEW comes from the people who specialize in satellite systems
- FULL-VIEW comes from the people who've satisfied 4 million customers
- FULL-VIEW comes from the people who developed satellite television technology for the past 20 years

The One That Dishes Up Everything

The FULL-VIEW System

For twenty years satellite TV has been developing new technologies to deliver high quality TV to the home consumer. Some of these technologies succeeded and some failed.

History

- Cable TV companies first used satellites to obtain the programs that they distribute on their cable systems. As the technology improved, Direct-To-Home Satellite TV was born. This method uses C-Band transmissions for programs and Ku-Band for special purposes—such as news and sports—is generally referred to as the FULL-VIEW System. In the last year we have seen new Direct Broadcast System (DBS) digital Ku-Band programming enter the market with so much hype that it may be hard to make a wise decision. Each technology has its advantages. Which is best for you? Only you can decide, and Skyvision wants you to have the information necessary to make an informed decision.

Standard of the Industry

- The FULL-VIEW System is the technical standard. This method of reception is used by all of the cable companies, networks, several million home dish owners and even as the source of the programming which is re-broadcast on the DBS systems. The FULL-VIEW system uses a frequency which is best received on five foot or larger dishes. Ku-Band or DBS frequencies can be received on dishes as small as 18". In general, the larger the dish, the better the reception.

Quality

- Picture quality and reliability are better with the FULL-VIEW System. If you have a large screen TV or watch programs with a lot of action like sports or movies, the FULL-VIEW System will be more satisfying. The DBS system uses digital compression which places several TV signals in the same space as one FULL-VIEW station. This degrades the reception when there is a lot of action. The FULL-VIEW C-Band system will work in all types of weather while Ku or DBS looses signal during cloudy or rainy weather.

TV Programming

- The selection and price of programming is better with the FULL-VIEW System. There are over one hundred *FREE* TV channels on the FULL-VIEW System. You can also obtain movies, educational TV, the super stations, networks, sports and public broadcast stations for less with the FULL-VIEW System than from cable or DBS. Every program on DBS costs money, and special programs are more expensive on DBS. The NFL Sunday Ticket with ALL the NFL games is only available on the FULL-VIEW System.

Radio Programming

- The FULL-VIEW System offers more radio programming. DBS offers 30 channels, while the FULL-VIEW System offers over 100 *FREE* radio stations from around the world.

Long-Term Investment

- The long-term investment is better with a FULL-VIEW System. The initial investment per channel of TV is less with the FULL-VIEW System than DBS. The installation of the DBS system will be less than the FULL-VIEW System; but your monthly DBS total, including programming, will be more. If you are going to use your new system for even two or three years, the total will be less with the FULL-VIEW System.

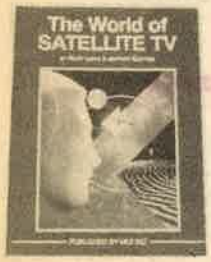
Skyvision Bookstore

INCREASE YOUR KNOWLEDGE OF SATELLITE TV!

Take advantage of our complete library of books, video tapes, software and site coordinates available from Skyvision! Order the resource book of your choice today.

INSTALL AIM & REPAIR YOUR SATELLITE SYSTEM—2ND REVISED EDITION
Either do it yourself or know what to say to your dealer...
by Dr.Frank Baylin
Use this easy to follow consumer guide to understand the various methods used to install a satellite system and how to easily diagnose or isolate unforeseen system difficulties.
64 pages, 8.5" x 11"
6500012 .....S&H $5.00.....$9.95

ALL ABOUT SATELLITE TV
by Karl Fincke
A complete technical guide for home dish owners. Mr. Fincke, the Technical Editor of *Satellite TV Week* has written a complete and yet easily understood book which covers Basic Installation, Dishes & Feedhorns, Receivers & Decoders, Accessories, Troubleshooting, and much more. This NEW book will have you speaking and understanding "Satellite Lingo" with only a few hours of study.
128 pages, 5¼" x 8¼"
6500029 .....S&H $5.00.....$9.95



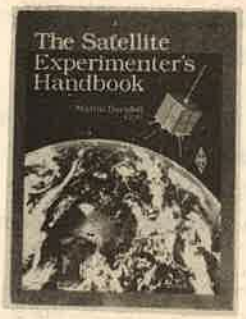
THE WORLD OF SATELLITE TV
This book will be welcomed by anyone who doesn't feel completely secure in the blizzard of terms and information that surrounds the subject of satellite TV, including international systems. Understand your satellite system and its components - dishes, feedhorns, LNBs, LNAs and polarizers. Learn how to do your own installation, troubleshooting and upgrading to Ku-band.
308 pages, 7 3/8" x 9 3/8"
6500016 .....S&H $5.00.....$24.95

THE HOME SATELLITE TV INSTALLATION AND TROUBLESHOOTING MANUAL
3rd Edition ***Now Available in Spanish****
Every installer and TVRO owner should read this manual. It includes information on how satellite TV works, selecting the right equipment, installation, troubleshooting and service. You will also learn how to tune your own system for the best picture and how to design multiple TV systems.
340 pages, 8.5" x 11", over 300 illustrations
6500015 .....S&H $5.00.....$29.95

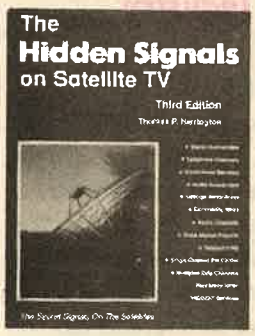
KU-BAND SATELLITE TV THEORY, INSTALLATION AND REPAIR
4th Edition
The future is Ku-band and you can read all about it in this book. Subjects such as Ku-band satellite design and frequency allocations, uplink operations, TVRO component theory and operation, including effects of rain fading, path loss, and other parameters are discussed in detail. You will learn about available equipment, selection, installation, multiple receiver systems, troubleshooting, test equipment and field repair.
Over 300 pages, 8.5" x 11"
6500013 .....S&H $6.00.....$29.95

THE "HOW-TO" BOOK OF SATELLITE COMMUNICATIONS
This book is an exciting excursion through the world of satellite communications. For the avid user and novice alike, it gives a thorough knowledge of how to design, evaluate and purchase any type of data, audio or video services. Find out how geosynchronous satellites work, the fundamentals of earth station operation, video services, digital television, the future of satellite communications and much more.
Over 250 pages, 5.5" x 8.5"
Illustrations and photographs
6500018 .....S&H $5.00.....$24.95

WORLD SATELLITE TV AND SCRAMBLING METHODS
3rd Edition
"The Technicians' Handbook"
A must for technicians, satellite professionals and serious do-it-yourselfers. The design, operation and repair of satellite antennas, feeds, LNBs, receivers and modulators are examined in detail. This expert guide is complimented by explicit illustrations and contains an indepth study of scrambling methods and broadcast formats.
356 pages, 8.5" x 10 3/8"
Over 200 photos, diagrams, wiring schematics and 16 tables
6500017 .....S&H $5.00.....$39.95



THE SATELLITE EXPERIMENTER'S HANDBOOK
Your guide to using and designing satellites. Published by The American Radio Relay League
Whether you're an amateur radio operator, a teacher, a space enthusiast, scientist or engineer, you'll find this expanded and revised edition of THE SATELLITE EXPERIMENTER'S HANDBOOK to be a fascinating look at how you can put orbiting spacecraft to practical use.
6500026 .....S&H $5.00.....$20.00



HIDDEN SIGNALS ON SATELLITE TV
Completely Revised 3rd Edition
by Thomas P. Harrington
This edition is devoted to the hidden, non-video services relayed by communication satellites, a topic of interest to satellite buffs worldwide. Hidden signals include audio world new services, stock market, business data channels, audio subcarriers, SCPC audio services and many more. Many of these services, such as SCPC, can be received with simple, readily obtainable equipment.
234 pages, 8.5" x 11", over 200 illustrations, tables, appendix, glossary
6500010 .....S&H $5.00.....$19.95

TUNE TO SATELLITE RADIO® ON YOUR SATELLITE SYSTEM
by Thomas P. Harrington
This complete, up-to-date book deals with the audio services carried on many domestic C and Ku-Band satellites. These interesting audio services can be received by most home satellite systems in very simple ways. All types of programming: music, talk shows, radio networks, news services, business services, weather and sports are available on "Satellite Radio".
102 pages, 8.5" x 11"
6500014 .....S&H $5.00.....$12.95

For S&H charges outside the United States, please call.

WIRELESS CABLE AND SMATV THE PRIVATE CABLE, MULTI-UNIT HANDBOOK

This handbook covers such topics as sales contracts and regulations, planning, site survey, headend and distribution design, as well as project bidding techniques. Learn about the operation of private cable systems, including construction and installation.

6500028.....S&H $5.00.....**$49.95**

1994 WORLD SATELLITE YEARLY
by Dr. Frank Baylin

The purpose of this annual reference is to allow TVRO owners at any site on the globe to determine what satellite programming is available, what size antenna must be installed to receive this programming and finally what type of electronic equipment must be selected. The steps to designing your system are set up in a straightfoward manner.

Over 400 pages, 8.5" x 11"

6500031.....S&H $6.00.....**$79.95**

THE 1992-1993 WORLD ALMANAC
by Mark Long

This edition replaces the 1990-1991 WORLD SATELLITE ANNUAL and expands upon information presented in the 1988 WORLD SATELLITE ALMANAC. Keep up with this rapidly evolving, global industry with this comprehensive, reliable reference book. Complete with more than 200 charts, maps, tables, graphs and 300 satellite footprint maps, it offers the latest information and developments.

1,120 pages, 8.5" x 11"

6500020.....S&H $7.00.....**$99.95**

THE 1993-1994 WORLD SATELLITE ANNUAL
by Mark Long

THE 1993-1994 WORLD SATELLITE ANNUAL is the official supplement to Mark Long's WORLD SATELLITE ALMANAC. This update includes new footprint maps on many of the new C and Ku-band satellites, along with current programming information, all presented in an easy to follow format. This book is essential for the satellite professional and the novice alike.

438 pages, 8.5" x 11"

6500027.....S&H $6.00.....**$59.95**

SATELLITE SYSTEM ANALYSIS & ANTENNA AIMING SOFTWARE

For IBM and compatibles.

This extremely valuable tool has been tailored for ease of use by professionals, dealers and technically-orientated owners. The program performs both satellite receiver system analysis and antenna aiming. The aiming portion of this package calculates azimuth and elevation angles and the range to all satellites within "view" of a satellite system.

6500051 5.25" disk S&H $5.00.....**$49.95**
6500052 3.5" disk S&H $5.00.....**$49.95**

SATELLITE TOOLBOX SOFTWARE

Release 1.2, Baylin Publications 1993

If you are a satellite dealer, hobbyist, or simply a dish owner on the go with your boat or motor home this DOS-based, menu-driven software does it all. It comes complete with a thorough manual and is subdivided into four components: Satellite Database, Aiming Section, Antenna Sizing and Analysis. The Satellite Database lists all of the world's communication spacecraft and the programming they relay. The Aiming Section automatically calculates magnetic deviation, compass heading, azimuth bearing and aiming angles for any satellite within view from any site on the globe that you select. The Antenna Sizing components make antenna sizing, choice of LNB noise temperature and other system parameters simple. This software will save you time and money as you analyze everything about your system.

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